

20000217.qrp v01\_n734.qrl.20000217

Date: Thu, 17 Feb 2000 19:03:12 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1734

## QRP-L Digest 1734

Topics covered in this issue include:

- 1) [63429] Re: Fox: NW7DX's Results  
by K1JD@aol.com
- 2) [63430] WestFLA Meeting This Saturday, 19 February 2000  
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 3) [63431] V31TH (N0SS) on 7.040  
by "Al Gritzmacher" <ae2t@arrl.net>
- 4) [63432] DUPES Re: New Tests  
by "Ron Smith" <resmith666@uswest.net>
- 5) [63433] RE: DUPES Re: New Tests  
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 6) [63434] ZD8Z @ 14.039  
by "Alan Fryer" <n3bj@hotmail.com>
- 7) [63435] ANTS. Zepp, extended double Z,etc  
by Stuart Rohre <rohre@arlut.utexas.edu>
- 8) [63436] Gel Cell Bargain  
by AA3BP@aol.com
- 9) [63437] SCOPES: vendors who had use info  
by Stuart Rohre <rohre@arlut.utexas.edu>
- 10) [63438] HTX-10 QRP power level set  
by sigcom@juno.com
- 11) [63439] C6A Fox  
by Paul Womble <pwomble1@tampabay.rr.com>
- 12) [63440] PSK experiment #29  
by "Nils R. Young" <nilsbull@juno.com>
- 13) [63441] Re: C6A Fox  
by K1JD@aol.com
- 14) [63442] Re: Black Cat Operating event  
by "John A. Evans - N0HJ" <jae@codenet.net>
- 15) [63443] Sierra on 15m Novice ...  
by "Tom Scott" <tscott@eni.net>
- 16) [63444] [Q] OT: PSK31 Newsletters?  
by Ken Hopper <khopper@uchicago.edu>
- 17) [63445] FOXHUNT # 30 - NW7DX Ben in Washington State  
by tom palmer <n1tp@worldnet.att.net>
- 18) [63446] Fox Notice for Tomorrow  
by Dave Sjolín <sjolin@swbell.net>
- 19) [63447] ATTN:BRUCE MUSCOLINO ref: C6500

- by tom whalen <wb5qyt@eFortress.com>
- 20) [63448] FOX: in New Hampshire...YESSSS  
by N10DL@aol.com
- 21) [63449] C6A Fox  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 22) [63450] Re: C6A Fox  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 23) [63451] RE: 12V Gell Cell v. 13.8v power supplies?  
by "Tom Scott" <tscott@eni.net>
- 24) [63452] HB: HOMEBREW: Toroid winding and Stripping and Tinning  
by "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>
- 25) [63453] Re: 12V Gell Cell v. 13.8v power supplies?>Thank You!  
by Dennis Terribile/WR4i <wr4i@mindspring.com>
- 26) [63454] QRP Presentation  
by w2xn@juno.com
- 27) [63455] Re: QRP-L Numbers, query and info  
by Don J Riedel <donkc0gmf@juno.com>
- 28) [63456] HB: resistor color codes  
by "Richard Matthews" <prm@hiwaay.net>
- 29) [63457] TWO Yaesu FT-900CAT's For Sale \$850 each!  
by AC6JA@aol.com
- 30) [63458] Freq Counter Preamp Circuit  
by Ed Kessler <edkess@epix.net>
- 31) [63459] RE: resistor color codes  
by "Mike Besemer (KG8L)" <kg8l@worldnet.att.net>
- 32) [63460] OP: 80, 40, 20, 30, 15 QRP freqs  
by "Marty Zeigler" <mzframes@midcoast.com>
- 33) [63461] Re: [Q] OT: PSK31 Newsletters?  
by "George T. Baker" <w5yr@att.net>
- 34) [63462] FS: TICK-1 keyer chip  
by "KA5T Larry Wise" <lewise@inetport.com>
- 35) [63463] FS: Radio Shack Probe-Style Oscilloscope  
by "KA5T Larry Wise" <lewise@inetport.com>
- 36) [63464] FS: Radio Shack Electronic Components Tester  
by "KA5T Larry Wise" <lewise@inetport.com>
- 37) [63465] Re: FOXHUNT # 30 - NW7DX Ben in Washington State  
by "George T. Baker" <w5yr@att.net>
- 38) [63466] Re: QRP Presentation URL - Why QRP? by George Heron, N2APB  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 39) [63467] HB: snipping vs shearing device leads  
by n5ib@juno.com
- 40) [63468] Re: 12V Gell Cell v. 13.8v power supplies?  
by "Don Wilhelm" <w3fpr@arrl.net>
- 41) [63469] Fox: NW7DX's Final Log  
by BenNW7DX@aol.com
- 42) [63470] Re: Head Copy  
by "Leon Heller" <leon\_heller@hotmail.com>
- 43) [63471] Free Wow!

- by Dan Presley <talljazz@teleport.com>
- 44) [63472] QRP Items For Sale  
by Bruce Hopkins - KL7H <kl7h@arrl.net>
- 45) [63473] Re: FS: Radio Shack Probe-Style Oscilloscope  
by "KA5T Larry Wise" <lewise@inetport.com>
- 46) [63474] Re: FS: RAC CycleMaster PC Board Kit & Optical Encoder  
by "KA5T Larry Wise" <lewise@inetport.com>
- 47) [63475] FS ohr dd-1 70 bucks  
by "The One and Only!" <mitch96@pobox.com>
- 48) [63476] Re: [Q] OT: PSK31 Newsletters?  
by "Pastor-kc1di" <ELBC@PIVOT.NET>
- 49) [63477] Re: HTX-10 QRP power level set  
by Curt Milton <wb8yyy@yahoo.com>
- 50) [63478] Re: FOX: K8DD/C6A in [Michigan]...YESSSS  
by "Pete (N9SSA)" <n9ssa@arrl.net>
- 51) [63479] CONTEST:QRP Calendar - This Weekend  
by Ken Newman <N2CQ@citnet.com>
- 52) [63480] Re: Black Cat Operating event  
by "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
- 53) [63481] QRP Item For Sale  
by Lou Fisher <hummbar@pacbell.net>
- 54) [63482] ANT: dipole and ladder line - cutting  
by Sam Smith <sam.smith@ece.gatech.edu>
- 55) [63483] OP: GREAT QSO distance Calculator on the WEB!  
by "Pete (N9SSA)" <n9ssa@arrl.net>
- 56) [63484] OT Johnson Ranger problem  
by BRISCH@MN.USWEST.NET
- 57) [63485] Amateur Radio Hamfest on Sunday, 27 February 2000  
by "Karty, Steven" <kartys@ncs.gov>
- 58) [63486] miniPIG QSO  
by "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>
- 59) [63487] QRP Item For Sale  
by Lou Fisher <hummbar@pacbell.net>
- 60) [63488] WA7LNW/Beacon 28.288 Thurs. Feb. 17th 1600-2400 UTC  
by wa7lnw@infowest.com
- 61) [63489] Re: FOX: K8DD/C6A  
by Monte Stark <ku7y@dri.edu>
- 62) [63490] Re: Sierra on 15m Novice ...  
by Bob Kellogg <ae4ic@nr.infi.net>
- 63) [63491] OT: audio cable  
by David Shalita <af389@lafn.org>
- 64) [63492] KIT: NOGAPIG (Power Indicator/Guard) Complete Document Version 2.  
1 Available on NOGA Web Page  
by Sam Billingsley <SBillingsley@usaninc.com>
- 65) [63493] SST schematic  
by tbowman@nbn.net
- 66) [63494] Re: miniPIG QSO  
by "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>

- 67) [63495] Re: FS: TICK-1 keyer chip  
by "KA5T Larry Wise" <lewise@inetport.com>
- 68) [63496] TNX  
by Marv Fagenson <k6hcj@juno.com>
- 69) [63497] A default who becomes an advantage ?...  
by =?iso-8859-1?Q?St=E9phane\_Collas?= <scollas@club-confair.com>
- 70) [63498] OP: MiniPIG QSO with V31TH  
by "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>
- 71) [63499] OT: CD-Rom  
by David Heintzleman <pstrdave@kdsi.net>
- 72) [63500] [TECH] Small Loop on 160 Meters.  
by Ed Loranger <we6w@qsl.net>
- 73) [63501] Re: OT: CD-Rom  
by Roger Hightower <n7kt@earthlink.net>
- 74) [63502] FOXHUNT:Team Scores  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 75) [63503] G3YCC's new web address  
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 76) [63504] Re: G3YCC's new web address  
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 77) [63505] Moonbouce  
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 78) [63506] FOX QUERY  
by Ed Loranger <we6w@qsl.net>
- 79) [63507] Contesting on WARC bands  
by "dschneider2" <dschneider2@uswest.net>
- 80) [63508] Fox Notice for Tonight - 0100 UTC - NOIT  
by Dave Sjolín <sjolin@swbell.net>
- 81) [63509] KB2HSH's Powermite homepage....  
by jmarran@juno.com
- 82) [63510] Re:Fox Query  
by Ed Loranger <we6w@qsl.net>
- 83) [63511] KB2HSH's Homepage URL  
by jmarran@juno.com
- 84) [63512] [WHINE] FOX hunting  
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 85) [63513] Re: ANTS. Zepp, extended double Z,etc  
by Stuart Rohre <rohre@arlut.utexas.edu>
- 86) [63514] KB2HSH's Homepage....  
by jmarran@juno.com
- 87) [63515] FOXHUNT:Team Scores (fwd)  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 88) [63516] Re: [WHINE] FOX hunting  
by "Ron Smith" <resmith666@uswest.net>
- 89) [63517] Re: OT: CD-Rom  
by "John J. McDonough" <wb8rcr@arrl.net>
- 90) [63518] Re: ANTS. Zepp, extended double Z,etc  
by "Cla KA0GKC" <ka0gkc@arrl.net>

- 91) [63519] Re: Oscilloscope  
by "Arthur G. Silvers" <ags@ieee.org>
- 92) [63520] thanks  
by neil tanner <ntan@crosslink.net>
- 93) [63521] OT: Netscape help  
by Jeff Grudin <grudin@vdb.com>
- 94) [63522] TECHNICAL Question abt SW40+Tick  
by FrConrad@aol.com
- 95) [63523] WTB: Vibroplex Blue Racer  
by ABCQRP <w6abc@yahoo.com>
- 96) [63524] Antenna Software  
by d.nordquest@juno.com
- 97) [63525] Re: Oscilloscope  
by Norm Melick <henmel@worldnet.att.net>
- 98) [63526] Them "first QSO" jitters & other PSK stuff again  
by "Nils R. Young" <nilsbull@juno.com>
- 99) [63527] Antenna Modeling.  
by Ed Loranger <we6w@qsl.net>
- 100) [63528] Calibrating WM-2  
by "Dave Becker" <k7prz@earthlink.net>
- 101) [63529] Thanks to all for netscape help  
by Jeff Grudin <grudin@vdb.com>

-----  
Date: Wed, 16 Feb 2000 19:10:08 EST  
From: K1JD@aol.com  
To: BenNW7DX@aol.com, qrp-1@lehigh.edu  
Subject: [63429] Re: Fox: NW7DX's Results  
Message-ID: <24.1519f40.25dc9660@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Ben:

Well, a quick scan of your log and I would infer that the band simply wasn't open to New England. After the first 30 minutes, I went upstairs and rode the Lifecycle for 30 minutes thinking conditions would improve by the time I got back to the rig.

Wrong! Not a whisper, with one possible exception when I heard your call but have no idea who was sending it. Heard several European stations but nothing west of 5 and 0 land. Loudest station I heard all through the hunt was Mac, AF4PS at an honest S8.

Even turned on my OMNI VI+, engaged DSP, notch filter and cascaded 250 Hz filters to eliminate an obnoxious KP4 and listened ..listened.. nothing. Went back to the mighty K2 (what was I thinking, of course there is no difference :-)

Conditions were definitely HORRIBLE!!

73,  
John K1JD  
Jamestown, RI  
<http://hometown.aol.com/k1jd/index.html>  
K2's #139 & 583

-----  
Date: Wed, 16 Feb 2000 19:48:50 -0500  
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>, "Steve" <Mercxx@aol.com>, "William Penhallegon" <w4stx@gte.net>,  
"The one and only! Mitch Somethingorother" <mitch96@pobox.com>, "TARC Mail Reflector" <w4dug@onelist.com>, "S. M. Whitehouse" <ke4yh@email.msn.com>,  
Subject: [63430] WestFLA Meeting This Saturday, 19 February 2000  
Message-ID: <LKBBJJIEAHDIFODLICPOKEENCKAA.scohen@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

The next meeting of the Western Florida QRP Club will be held this Saturday, the 19th of February, 2000 at 10AM. The meeting will run until folks have had enough. Please note that we usually hold the meetings on the \*second\* Saturday of the month, but have moved it to the third Saturday this month to avoid a conflict with the Orlando hamfest.

The WestFLA meetings run using the NorCal model, to whit, no new business, no old business, no business at all! It will simply be a meeting of like minded people to discuss QRP, homebrewing, kit building and the sort. As such, it is vitally important that people have things to discuss. Please bring a current project, special rig, piece of test equipment or some such to demonstrate and describe to your fellow ham.

As usual, coffee and donuts will be provided. A selection of door prizes will also be awarded, based on what members bring to give away. If you've got a treasure sitting in the junk box that you do not expect to use any time soon, why not bring it along for a door prize?

I will bring a selection of test equipment to the meetings to help folks with alignment and troubleshooting of their projects. I will have an oscilloscope, a counter and a signal generator with me.

Mac Steinmeyer is also going to bring his PC so that he can demonstrate the spectrogram software. As you will recall, people have been raving about the software on the Elecraft Reflector and here on QRP-L as well. If you have a K2, this will be your easy opportunity to set up the filter bandwidths and center frequencies. If not, it will be an excellent exposure to the beginnings of digital signal processing.

"So, Steve", you say, "Enough of the shuck and jive... Where is the place?". An excellent question. The TARC clubhouse is located in Tampa Florida. The directions to the clubhouse are:

Take I-275 North or South to the Sligh Exit. Once on Sligh, go east to 22nd Street. Turn left on 22nd Street and go the the very end. Once you are at the end of the street, the clubhouse is on your right next to the ball field. It will be obvious from the tower and antennas.

From north of Tampa, take route 75 south to 275 then follow the above directions.

From south of Tampa, take route 75 north until you get to route 4 west which runs into route 275. You have a choice at 275, and you want to go north on 275 from route 4 and follow the above directions.

From the east, take route 4 west until you run into 275 then take 275 north from there and follow the above directions.

There will be a talk-in on the 147.105(+) N4TP repeater. Just give us a holler if you get lost.

These directions are also available on the TARC web page at <http://www.qsl.net/w4dug/way.htm> which is also linked from the WestFLA web page at <http://www.qsl.net/westfla>.

Questions should be forwarded to [westfla@qsl.net](mailto:westfla@qsl.net).

73,

Steve, N30IE

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Date: Wed, 16 Feb 2000 19:45:37 -0500  
From: "Al Gritzmacher" <[ae2t@arrl.net](mailto:ae2t@arrl.net)>

To: qrp-1@lehigh.edu  
Subject: [63431] V31TH (N0SS) on 7.040  
Message-ID: <200002170054.TAA03987@kahn.localnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Just worked Tom N0SS at V31TH on 7.040 (2/17 @ 0040Z)

Good signals, looking forward to K8DD/C6A FOX!

72,

Al AE2T

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Date: Wed, 16 Feb 2000 17:58:30 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [63432] DUPES Re: New Tests  
Message-ID: <056801bf78e2\$3eb2a3e0\$0200000a@NET.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone else getting duplicate messages for the list???

Ron Smith - KD7VD - Boise, Idaho  
WHINERS #7 SOC #47

----- Original Message -----  
From: Thomas Isgro <k8cz@concentric.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Wednesday, February 16, 2000 3:57 PM  
Subject: Re: New Tests

-----  
Date: Wed, 16 Feb 2000 19:01:33 -0600  
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [63433] RE: DUPES Re: New Tests



Message-ID: <0974781F4FC8D211A24600902727E806011B1EDA@saturn.rose.cc.ok.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Ron,

I have been getting dupes of some messages, but I haven't been keeping track of who they are.

Hal

-----Original Message-----  
From: Ron Smith [mailto:resmith666@uswest.net]  
Sent: Wednesday, February 16, 2000 6:59 PM  
To: Low Power Amateur Radio Discussion  
Subject: DUPES Re: New Tests

Anyone else getting duplicate messages for the list???

Ron Smith - KD7VD - Boise, Idaho  
WHINERS #7 SOC #47

----- Original Message -----  
From: Thomas Isgro <k8cz@concentric.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Wednesday, February 16, 2000 3:57 PM  
Subject: Re: New Tests

-----  
Date: Wed, 16 Feb 2000 17:02:41 PST  
From: "Alan Fryer" <n3bj@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [63434] ZD8Z @ 14.039  
Message-ID: <20000217010241.64237.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

BIG signal

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

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Date: Wed, 16 Feb 2000 19:14:25 -0500  
From: Stuart Rohre <rohrer@arlut.utexas.edu>  
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [63435] ANTS. Zepp, extended double Z,etc  
Message-ID: <38AB3D62.6885CC9B@arlut.utexas.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The Zeppelin antenna was always an end fed antenna, to provide an effective trailing wire radiator below the fuselage. It could be cranked out to transmit in the air, and reeled in for landing/takeoffs.

Indeed, Moxon in his book, takes a dim view of earth based end fed half wave horizontal wire, ("end fed Zepp"), with balanced line feeding only the one wire. He says, "It will not work!" As he points out, the unbalance thus created causes the feeder to radiate vertically polarized signals, which might detract from the horizontal ant. pattern, and cause RF in the shack depending on feeder length, and such problems. Feeder length becomes critical, and problematical.

VHF users have placed the whole antenna vertically in line, and it becomes the J-pole. The bottom matching quarter wave section goes from low impedance to the high impedance of the end of the half wave wire, but also will radiate.

The Extended Double Zepp was a combination of lengthening a horizontal half wave into 5/8 or longer legs each side of center feed, combined with open wire balanced feeder. The extra length over half wave is to give gain. This makes an excellent field day antenna if you have the space, and you can put it up as an inverted Vee with use of one support for middle, and it will give excellent and near omni coverage, when the ends are six feet from average to poor earth.

The original questioner was concerned about TVI, and thus should avoid an unbalanced end fed wire, to keep RF off his feeder, and from coming back into the shack from end coupling. Use a dipole and balun, or balanced line feeder, kept some times the line spacing away from conductors on its way to the shack. Twist the balanced line every couple of feet to cancel pickup or stray fields.

Some formulas for gain doublets or dipoles, (doublet was an older term for dipole horizontal wires), use  $600 / f$  in MHz to get the length to make an "extended double Zepp". While researching this before use at W5KA last summer, (where the EDZ gave us a 9th place Field Day finish in battery class 2A), I found reference to legs each 5/8 long, and chose to try that out as the Inverted Vee form, which I described above. It is now my favorite FD antenna, and much easier to put up than my prior QRP killer FD horizontal Vee Beams! (Those had 10 wavelengths at ten meters, while I did the EDZ for 80M.)

That was a more managable 350 feet of wire, when used as an inverted Vee. The center was up 35 feet and fed with 450 ohm ladder line to the balun of a Tee AMU. Unfortunately, it would not tune on 10M, but perhaps a true balanced AMU, like the Johnson match boxes would have been ideal. Of course, had we had more time, we could have developed a line extension to make 10M tune up. With eager Novices with a beam we left 10M to them. 20 and 15 worked for all the points we could handle and lower bands were rewarding as well.

72, Stuart K5KVH  
Austin TX

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Date: Wed, 16 Feb 2000 20:13:38 EST  
From: AA3BP@aol.com  
To: qrp-1@lehigh.edu  
Subject: [63436] Gel Cell Bargain  
Message-ID: <c.1715e8f.25dca542@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

For all you backpackers, BGMicro ([www.bgmicro.com](http://www.bgmicro.com)) is selling NEW 12v 4.5 AH gel cells for \$7, complete with carrying case. Just received mine and am most pleased. The case is made of canvas-like cloth with velcro fastener - plus includes neat side pouch. Standard disclaimers....

Normally, I keep my shopping adventures to myself, but thought this may have enough QRP appeal to share.

73,

Jim, AA3BP

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Date: Wed, 16 Feb 2000 19:17:54 -0500  
From: Stuart Rohre <rohre@arlut.utexas.edu>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [63437] SCOPES: vendors who had use info  
Message-ID: <38AB3E32.87E55505@arlut.utexas.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

At one time, Philips Co. of Holland had a series of useful booklets on oscilloscope use.

Another book series was from Tektronix. These were paperback free give aways.

You should check out the web sites of both these companies.

Since Fluke is allied with Philips to distribute their scopes in USA, you might have to look for the Fluke Corp. site.

Other scope makers, like Leader of Japan might also have something of use.

GL,  
Stuart K5KVH  
Austin, TX

-----  
Date: Wed, 16 Feb 2000 17:18:15 -0800  
From: sigcom@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [63438] HTX-10 QRP power level set  
Message-ID: <20000216.171816.-703693.0.sigcom@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Group,

(re-post from 01-16, see QRP-L archives)

Here is how I set the Radio Shack HTX-10 to QRP levels (disclaimer: Proceed at your own risk. Removing the cover and performing the following adjustments voids the manufacturer's warranty. This procedure worked for me but YMMV, yada yada).

Test equipment required:

Sine-wave audio oscillator set to 1000 Hz, attenuated to 5mV RMS.

50 Ohm RF dummy load.

RF Watt meter.

(1.) Remove bottom cover of unit. Locate and identify pots RV-9, RV-14 and RV-16: With the unit facing you, component side up, RV-9 is the center pot in the group of three pots to the left of the modulation transformer toward the rear of the unit. RV-16 is the pot in the group of three closest to the modulation transformer. RV-14 is toward

the front about 1 inch from the modulation transformer, next to an electrolytic marked C320 (OF's like me, get out your magnifying glass).

(2.) SSB power setting: With 13.8 VDC powering the radio and a Watt meter and dummy load connected to the antenna jack, connect your audio oscillator to pin 1 of the mic. connector (looking at the front of the connector, counting clockwise from the index pin on the connector, pin 1 is the fifth pin). Ground the PTT line, pin 3 on the mic. connector (the third pin, again counting clockwise from the index pin). Adjust RV-9 for desired power level. DO NOT EXCEED 25 Watts. Remove ground from PTT line.

(3.) AM power setting: (same setup as above) Remove audio oscillator. Ground PTT line. Adjust RV-16 for desired power level. DO NOT EXCEED 7 Watts power output. Remove ground from PTT line.

(4.) FM power setting: (same setup as in step '2.' ) Remove audio oscillator. Ground PTT line. Adjust RV-14 for desired power level. DO NOT EXCEED 25 Watts. Remove ground from PTT line.

For steps 2-4 above, make sure that the radio is in the appropriate mode for each step :-).

The preceding instructions assume that your HTX-10 is already in proper operating condition and alignment. If you have messed with the alignment, get the service manual from Radio Shack and do a proper alignment first. Warning: The complete factory alignment procedure is somewhat complex and requires accurately calibrated test equipment.

73.....Steve, WB6TNL

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 16 Feb 2000 20:33:28 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63439] C6A Fox  
Message-ID: <38AB4FE8.C56485F2@tampabay.rr.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Has anyone heard K8DD/C6A tonight?

Paul AJ4Y

--  
Polk County Chapter American Red Cross:  
<http://www.redcross.org/fl/polkcounty>  
Florida Contest Group:  
<http://www.qsl.net/fcg>

-----  
Date: Wed, 16 Feb 2000 20:32:57 -0500  
From: "Nils R. Young" <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [63440] PSK experiment #29  
Message-ID: <20000216.203304.-187231.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Fellow loonies,

Well, so far I've (a) managed to figure out the sound mixer console enough to get a signal to (b) key the vox snerkit in the K2 enough to (c) transmit a couple plaintive CQs on PSK. This all on 20m. (d) all of the above.

I listened around between trash detail on 10m and 12m & heard a bunch of folks. Ok, a couple. But they were on there. Even a VK and a couple IOTA stations. Got me inspired. So I figured out what I was doing wrong, fiddled with controls & features & made other discoveries about sound being turned into radio waves.

All in all, it was an interesting time. Right now it's about 1/2 hour to lights out & we all know how the staff are around here when it comes to lights out. So . . .

Maybe next time I'll actually have a QSO with someone.

73

Nils

-----  
Nils R. B. Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes  
<http://home.fiberia.com/wb8ijn> -- <http://members.xoom.com/nilsbull>  
"In my day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"  
-- Comrade Nikolai Sergeievich  
McTovarishov

-----  
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Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 16 Feb 2000 20:37:39 EST  
From: K1JD@aol.com  
To: pwomble1@tampabay.rr.com, qrp-1@lehigh.edu  
Subject: [63441] Re: C6A Fox  
Message-ID: <a4.c6b395.25dcaae3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Yes.. he's on now at 7042.4

73,  
John K1JD  
Jamestown, RI  
<http://hometown.aol.com/k1jd/index.html>  
K2's #139 & 583

-----  
Date: Wed, 16 Feb 2000 18:52:04 -0700  
From: "John A. Evans - N0HJ" <jaevans@codenet.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63442] Re: Black Cat Operating event  
Message-ID: <38AB5444.C6D1CFBD@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I second Bruce's Kudos !! The certificates for the Black Cat event and the  
Tuna Tin 2 QSOs are wonderful.

tnx Ed et al es 72 - john - n0hj

PS - we have some real advocates at the ARRL !!

-----  
Date: Wed, 16 Feb 2000 17:27:40 -0800  
From: "Tom Scott" <tscott@eni.net>  
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>  
Subject: [63443] Sierra on 15m Novice ...  
Message-ID: <000601bf78e6\$3d38b140\$68100f0a@wyle.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Getting ready to build up my Sierra band module for 15m and noticed that the default coverage of this module only gives me about half of the Novice band segment from 21.000 to 21.150, missing the rest of the Novice segment up to 21.200.

I'm assuming that its not going to be possible to try to pull the 29 MHz crystal it uses in the pre-mix oscillator far enough to do much better than that. So has anyone tried to find a 29.050 MHz crystal to pick up the rest of that band segment?

Probably not the end of the world to do without, but just a thought. I haven't seen any crystals spec'd for that frequency. I guess it would take ordering a custom?

Any suggestions?

- Tom

\_\_\_\_\_  
?Tom Scott        -        Wyle Electronics        -        KD7DMH  
    10300 SW Nimbus Ave #PB, Portland, OR 97223  
    503-603-1931 - Tel                      503-684-6620 - Fax  
  503-703-2032 - Cell  
\_\_\_\_\_  
  
-----



Date: Wed, 16 Feb 2000 19:57:22 -0600  
From: Ken Hopper <khopper@uchicago.edu>  
To: QRP-L@lehigh.edu  
Subject: [63444] [Q] OT: PSK31 Newsletters?  
Message-ID: <38AB5582.A372F19B@uchicago.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Does anyone know of a PSK31 newsletter? Phil Sussman N8PS has been running a speciality newsletter called "Pactor News" ( <http://www.pactor.com/> ) that has great info, DX, Contests, new software and hardware, commercial products, etc. Looks like a nice format for a PSK31 newsletter but he has no authors who are willing to write regularly for that subject.

Are there other newsletters out there somewhere that you would recommend? Any clubs or organizations specializing in PSK31?

TNX,  
Ken N9VV K2 #167 +SSB +NB <http://www.qsl.net/n9vv/>

-----  
Date: Wed, 16 Feb 2000 21:07:16 -0500  
From: tom palmer <n1tp@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [63445] FOXHUNT # 30 - NW7DX Ben in Washington State  
Message-ID: <38AB57D4.9AF2182B@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, FOXHUNTERS,

Foxhunt # 30 is proof positive that propogation controls!  
Ben's (born on December of 1986!) operating skills were exceptionally good.  
Yet, only 3 Hounds east of the Mississippi bagged Ben.  
MORAL: No matter how excellent the FOX is, propogation trumps all other factors.

Cheers,

Tom, N1TP - FOX to be on Feb 25. (Hunt # 33).  
@ Naples, FL. - "Almost in the Everglades."

We QRPers in SW Florida LOVE the Gulf of Mexico effect.

-----  
Date: Wed, 16 Feb 2000 20:12:05 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: Qrp-1 Reflector <qrp-1@Lehigh.EDU>  
Subject: [63446] Fox Notice for Tomorrow  
Message-ID: <38AB58F5.845E8CB8@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I will be wearing the fox costume tomorrow and I will poke my head out at 0100Z sharp and run for about 2 hours, conditions permitting! Beware, this is an hour earlier than my original schedule.

Look for me around 7.042, and please spread out a bit, and call once, bla-bla-bla usual stuff. Its a good idea not to call zero-beat with me because the qrm might block out my peanut whistle. If my calling frequency is clear, everybody has a better shot at hearing me.

My exchange will be sent at about 20 wpm and will be "urcall rst MO Dave 428 urcall BK." When I turn it over to you, please send your exchange only once unless I request a repeat. At the end of each qso, I will send TU de N0IT or QRZ de N0IT which will be your signal to create a little commotion.

If I don't come right back and acknowledge your exchange, please everyone standby. What most likely has happened is I've screwed up my manual logging and I am madly correcting my error. This is my first time at this end of a cw pileup so be "gentle." I am much more used to being at this end of pileup on rtty.

Equipment will be a Kenwood TS-940S running 4W to Butternut HF-2V vertical.

Good luck and I look forward to handing out a pelt to as many as you as I can tomorrow night -- Thursday US time (Friday UTC).

Dave Sjolín, N0IT  
St. Louis, Missouri

-----  
Date: Wed, 16 Feb 2000 14:08:45 -0700  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [63447] ATTN:BRUCE MUSCOLINO ref: C6500  
Message-ID: <38AB11DD.279D@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bruce,

Your email address not working here. Thanks for the info on the C6500. I believe the rig was made for export. Think this one came from Australia.

I will check out the boatanchor sites...tnx and 72, Tom WB5QYT

-----  
Date: Wed, 16 Feb 2000 21:26:01 EST  
From: N10DL@aol.com  
To: qrp-l@lehigh.edu  
Subject: [63448] FOX: in New Hampshire...YESSSS  
Message-ID: <c3.1f42b94.25dcb639@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Finally, got the FOX,K8DD/C6A tonight at 0206Z. finally figured it out. tried using my RIT to see if I could get off freq. a little bit. first tried UP, no luck....then DOWN...and second call, BAM... got him...My wife can't understand why I am jumping up and down like a lunatic....the NH wall has been broken...BTW, heard Tom, N1TP in florida bag him also. Also N9SSA, Peter. I presume Peter, you were not using your Tuna Tin 2. TONIGHT? Thanks for making my evening.

Aron  
N10DL  
Bedford, NH  
QRP-L#1326 FISTS#4110 G-QRP#9946 SOC#10

-----  
Date: Wed, 16 Feb 2000 21:28:51 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:pwomble1@tampabay.rr.com" <pwomble1@tampabay.rr.com>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Subject: [63449] C6A Fox  
Message-ID: <200002162133\_MC2-996C-8EF0@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit

Content-Type: text/plain;  
charset=us-ascii  
Content-Disposition: inline

Paul:

Yep, bagged him with the Sierra and GAP. He was a genuine 569 here, and working 'em right and left and FAST! GL.

72,

--Doc Lindsey/K0EVZ  
DSBF  
PO BOX 6028  
Bismarck, ND 58506  
K0EVZ@arrl.net

-----  
Date: Wed, 16 Feb 2000 21:28:51 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:K1JD@aol.com" <K1JD@aol.com>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group  
<QRP-L@Lehigh.edu>  
Subject: [63450] Re: C6A Fox  
Message-ID: <200002162133\_MC2-996C-8EEF@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset=us-ascii  
Content-Disposition: inline

John:

Yep, I also bagged him easily with the Sierra at 5 watts and the GAP Titan DX vertical dipole. He was a genuine 569 here and working fast. Lots of business. Hope everyone can get him. Lots of fun :-).

72,

--Doc Lindsey/K0EVZ  
DSBF  
PO BOX 6028  
Bismarck, ND 58506  
K0EVZ@arrl.net

-----  
Date: Wed, 16 Feb 2000 18:12:51 -0800  
From: "Tom Scott" <tscott@eni.net>

To: "'qrp-1 Reflector'" <qrp-1@Lehigh.EDU>  
Subject: [63451] RE: 12V Gell Cell v. 13.8v power supplies?  
Message-ID: <000701bf78ec\$92593cc0\$68100f0a@wyle.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dennis,

Well I think that 13.8 Vdc is a standard because it is the normal peak voltage for a lead acid pack being charged. Each cell in a gel-cell pack should have a nominal peak voltage of 2.22 Vdc, 6 cells in the nominal "12v" pack yields 13.32 Vdc actual peak voltage. Most charging systems will use a constant voltage of 13.8 Vdc for a float charge, and as much as 14.4 Vdc for a cell leveling charge. If you are running from a battery backup system that is constantly float charged, you will need to be able to handle these higher voltages. You will find similar voltages in automotive electrical systems for similar reasons. The 12 V rating should be considered the minimum acceptable voltage in such systems, not the normal voltage. Below 12 V these batteries fall off in capacity very quickly.

Most of us using gel-cells in amateur radio are probably using surplus battery "pulls" that came from UPS systems and the like. These used packs will often have a peak voltage of 12.5 V to 13.0 V, plenty good enough for some useful service, but not up to new specs. I've seen surplus 12V gel-cells advertised that were "guaranteed" to charge up to at least 12 V, but that's not a very good gel-cell! Most of the useful life of that battery is gone. I wouldn't be very happy with a gel-cell that wouldn't charge to at least 12.5 V and would rather get something that will hold closer to 13 V.

Actually, I've been wanting to do some tests on a couple of Gates packs that I have to see how much amp hour capacity is truly lost when the pack gets old and can't hold a normal peak voltage. I've got one that will hold 13.1 V and another that settles back to 12.25 V or so after a full charge cycle. They are identical 5 AH packs. I would like to set up a standard load and run some tests to see how many hours they would each power that load till they dropped down to say 11 V. I'm guessing that the 12.25 V pack has well under half its rated capacity, maybe more like a fourth.

73

- Tom

\_\_\_\_\_  
?Tom Scott - Wyle Electronics - KD7DMH  
10300 SW Nimbus Ave #PB, Portland, OR 97223  
503-603-1931 - Tel 503-684-6620 - Fax  
503-703-2032 - Cell

\_/

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
Dennis/WR4i  
Sent: Wednesday, February 16, 2000 12:29 PM  
To: Low Power Amateur Radio Discussion  
Subject: 12V Gell Cell v. 13.8v power supplies?

Dear Fellow Hams et.al.

Why is it that (most) ham rigs are designed to work at 100% with 13.8v  
power

supplies hooked to mains yet Gel Cell manufacturers only offer 12v  
batteries? In other words, why don't they offer an 11 or 12 cell model  
(1.25 x

11)? By the time you apply a load the 12v usually drops to 12.2 and  
below depending on the quality of your gell cell. The "extra" cell would  
give an edge here.

70 Trees,

Dennis/WR4i

-----  
Date: Wed, 16 Feb 2000 22:22:32 -0500

From: "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>

To: <secondclassopsclub@eGroups.com>

Cc: <qrp-1@Lehigh.EDU>

Subject: [63452] HB: HOMEBREW: Toroid winding and Stripping and Tinning

Message-ID: <002801bf78f6\$43f48710\$0202050a@400-3>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hey Gang(s)

I had a request for some help on winding and tinning wires onto toroid  
forms.

Well, I bit the bullit and decided to document the proceedure.

Hope this is helpfull to those that are new to TOROIDS

<http://soc-hams.homepage.com/tech.htm>

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"

Loveland, Ohio - near Cincinnati; 39.218N - 84.305W

SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----  
Date: Wed, 16 Feb 2000 22:28:35 -0500  
From: Dennis Terribile/WR4i <wr4i@mindspring.com>  
To: qrp-l@Lehigh.EDU  
Subject: [63453] Re: 12V Gell Cell v. 13.8v power supplies?>Thank You!  
Message-ID: <38AB6AE3.8638C42@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Many, many thanks for all the great replies(Tom, Monte, Curt, Mike) to this "burning question" that I posted to the rec.radio.miscell ...and received ZIP replies in over a week. Here..there have been at least four ..and all very well stated!

Yes, I remember the "dynamos" when I was in the Army...28volts of whining noisy electricity ...of sorts! And all those weird battery packs...esp the ones for the Zenith Transoceanic..90volts I think? Guess I should be gratefull for the small variance here between 12v and 13.8...)

Well...what brought this on was the K2 voltage requirements...as well as having tried to operate a 706 off a large gell cell (abt 57AH) only to have it die because it didnt like 12 volts or so ...maybe 11.9 was the cutoff. Anyhow...thats been sold...to make way (in my wallet) for the great K2 I know have on the air.

Thanks again fellas...and hope to meet you all one day..while operating my rig off 12v ~nominal....power<g>

70 Trees..

Dennis/WR4i

Ivy, Va

-----  
Date: Wed, 16 Feb 2000 22:31:14 -0500  
From: w2xn@juno.com  
To: qrp-l@lehigh.edu  
Subject: [63454] QRP Presentation  
Message-ID: <20000216.223124.-858531.1.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Some time ago I remember seeing a web site posted where we could view and download slides for a QRP presentation to our local radio clubs.

Does anyone still have the URL ?

Thanks,

Fred W2XN (one of the "Swamp Rats" )  
Lakeland, FL  
W5YI-VE Skywarn #POL-007 Polk County ARES  
AR QRP #233 QRP-L #1728 NJ-QRP #197 ZOMBIE #709

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-----  
Date: Wed, 16 Feb 2000 16:34:38 -0600  
From: Don J Riedel <donkc0gmf@juno.com>  
To: ingramde@cyberhighway.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [63455] Re: QRP-L Numbers, query and info  
Message-ID: <20000216.214231.-205473.2.DonKC0GMF@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

---

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 16 Feb 2000 21:46:20 -0600  
From: "Richard Matthews" <prm@hiwaay.net>  
To: "q" <qrp-l@Lehigh.edu>  
Subject: [63456] HB: resistor color codes  
Message-ID: <00f101bf78f9\$8e7cda00\$6f85150c@scottsboro.org>  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If you are like me you were taught to remember resistor color codes values years ago. BBROYGBVGW by remembering things like "Bad Boys Ravage Our Young Girls But Violet Gives Willingly"

Well, no more, it is automatic now in living color yet, see  
<http://www.geocities.com/SiliconValley/Lakes/9862/res.html>

If you are homebrewing you will want to check all your resistor values before you solder them into place, this online help just makes it a little easier.

Richard, WA4NWW still tingling from bagging a Bahamian fox

-----  
Date: Wed, 16 Feb 2000 23:04:16 EST  
From: AC6JA@aol.com  
To: qrp-1@lehigh.edu  
Subject: [63457] TWO Yaesu FT-900CAT's For Sale \$850 each!  
Message-ID: <d3.1a1c610.25dccd40@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

i have TWO Yaesu FT-900CAT's for sale. both are in excellent condition. they both have the collins SSB filters installed, built-in antenna tuners, YSK-900 remote mounting kits, etc. great base or mobile rigs. qsk is fantastic!

i had one mobile but now bought the new FT-100 for the truck.  
am asking \$850 and will include shipping.  
let me know if interested or if you have any questions.  
thanks!

mike ac6ja

-----  
Date: Wed, 16 Feb 2000 23:01:34 -0500  
From: Ed Kessler <edkess@epix.net>  
To: qrp-1@Lehigh.EDU  
Subject: [63458] Freq Counter Preamp Circuit  
Message-ID: <38AB729E.5CF3EE42@epix.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello group:

A friend gave me a nice freq counter, but its sensitivity is a bit too low to test VFOs etc.

Is there a simple preamp circuit that I could build to make the counter more useful.

I have some MARs -- possible a wideband amp?

Thanks  
Ed AA3SJ

-----  
Date: Wed, 16 Feb 2000 22:08:13 -0600  
From: "Mike Besemer (KG8L)" <kg8l@worldnet.att.net>  
To: <prm@hiwaay.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63459] RE: resistor color codes  
Message-ID: <000401bf78fc\$9e4e8160\$102b6520@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I learned that one first, but when I joined the Air Force and went to Keesler AFB, MS for radar school, I learned 'Biloxi Booze Rots Out Your Gut, But Vodka Goes Well'

72/3/4,

Mike  
KG8L/5  
SOC #169

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Richard Matthews  
Sent: Wednesday, February 16, 2000 9:46 PM  
To: Low Power Amateur Radio Discussion  
Subject: HB: resistor color codes

If you are like me you were taught to remember resistor color codes values years ago. BBROYGBVGW by remembering things like "Bad Boys Ravage Our

Young Girls But Violet Gives Willingly"

Well, no more, it is automatic now in living color yet, see  
<http://www.geocities.com/SiliconValley/Lakes/9862/res.html>

If you are homebrewing you will want to check all your resistor values before you solder them into place, this online help just makes it a little easier.

Richard, WA4NWW still tingling from bagging a Bahamian fox

-----  
Date: Wed, 16 Feb 2000 23:14:55 -0500  
From: "Marty Zeigler" <mzframes@midcoast.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [63460] OP: 80, 40, 20, 30, 15 QRP freqs  
Message-ID: <01bf78fd\$8bb64320\$4b1599d0@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello, can anyone tell me the QRP sections of the Bands on my HW-8 and 30 meter Ten Tec?  
thanks,  
Marty N1PGP

-----  
Date: Wed, 16 Feb 2000 22:17:22 -0600  
From: "George T. Baker" <w5yr@att.net>  
To: khopper@uchicago.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63461] Re: [Q] OT: PSK31 Newsletters?  
Message-ID: <38AB7652.BD5C5A30@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The PSK31 reflector can be accessed at [www.qth.net](http://www.qth.net).

72/73, George  
Fairview, TX 30 mi NE Dallas in Collin county  
Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452    RVing since 1972

Kachina #91900556

Ken Hopper wrote:

>

> Does anyone know of a PSK31 newsletter?

-----  
Date: Thu, 17 Feb 2000 03:47:44  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [63462] FS: TICK-1 keyer chip  
Message-ID: <200002170420.WAA16893@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Embedded Research TiCK-1 Rev 1.02  
Chip only, new in original package  
with Spec sheet.

\$5 shipped CONUS

>From the package:

"Features: Iambic Modes A/B, Speed Adjust,  
SideTone, Paddle Select, Manual Key Mode."

This is an 8 pin DIP package.

-----  
Date: Thu, 17 Feb 2000 04:06:16  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [63463] FS: Radio Shack Probe-Style Oscilloscope  
Message-ID: <200002170420.WAA16898@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

RS 22-310 with full documentation  
and software. Seems to worked

as spec'd. Purchased new by me.

\$40 shipped CONUS

>From the box:

Quote

- o Ideal for on the spot testing of electronic circuits
- o Freeze-and-hold function allows comparison of waveforms
- o Selectable input voltage ranges: 1V, 10V, 100V (100V max.)
- o 20-MHz max. sampling rate provides 5-MHz effective bandwidth
- o View waveforms or voltage readout on backlit 16 x 32 pixel LCD
- o Displays time or hertz between defined points
- o 10 pushbutton-selectable sampling rates from 50 nS to 1mS
- o powered by tested circuit (9-13VDC) or optional AC adapter
- o Displays waveforms, voltages, parameters on your PC screen
- o Minimum system requirements for use with a PC-compatible computer: 128K main memory, RS232 port, VGA or EGA monitor
- o Included PC software provides easy-to-use on-screen help
- o Use your computer system to record and print waveforms
- o Hold function allows you to compare waveforms or voltages

Made in Germany

Includes Windows/Windows 95/MS-DOS compatible software  
with complete on-screen help and serial cable.

Operates alone or with your computer

Unquote

-----  
Date: Thu, 17 Feb 2000 04:19:48  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [63464] FS: Radio Shack Electronic Components Tester  
Message-ID: <200002170420.WAA16906@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

RS 22-330 Electronic Components Tester  
With Owners Manual. Seems to work as  
Spec'd. Bought new by me.

\$15 shipped CONUS

>From the package:

Quote

Tests transistors, FETs, diodes, SCRs, LEDs

Auto-off o Continuity buzzer o Transistor test socket

Identifies:

Transistor type (NPN or PNP) and base lead

SCR gate and anode leads

Diode/LED anode leads

Includes diode test clips and color coded leads for testing  
axial-lead components

Compact, rugged design o Bright LED Display o For indoor use only

Unquote

>From the Owners Manual:

Quote

...requires three AAA batteries (not supplied) ...

Display Time 1 Second

Dimensions (HWD) 2 7/16 x 2 3/16 x 1 1/4 inches

Weight 2.25 oz.

Unquote

Larry KA5T  
Georgetown, TX

-----  
Date: Wed, 16 Feb 2000 22:24:24 -0600  
From: "George T. Baker" <w5yr@att.net>  
To: n1tp@worldnet.att.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63465] Re: FOXHUNT # 30 - NW7DX Ben in Washington State  
Message-ID: <38AB77F8.B5BD49FE@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom, now you know why all we pesky Texans live on the WEST side of the  
big river! ;^)

72/73, George  
Fairview, TX 30 mi NE Dallas in Collin county  
Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

tom palmer wrote:

>  
> Hi, FOXHUNTERS,  
>  
> Foxhunt # 30 is proof positive that propogation controls!  
> Ben's (born on December of 1986!) operating skills were exceptionally  
> good.  
> Yet, only 3 Hounds east of the Mississippi bagged Ben.  
> MORAL: No matter how excellent the FOX is, propogation trumps all other  
> factors.

-----  
Date: Wed, 16 Feb 2000 19:26:03 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: w2xn@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, George Heron N2APB  
<n2apb@erols.com>  
Subject: [63466] Re: QRP Presentation URL - Why QRP? by George Heron, N2APB  
Message-ID: <38AB785B.52C41100@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Check it out at <http://www.njqrp.org/whyqrp/whyqrp.htm>

I have used it, modified it, and it goes over very well at a club meeting.

I think it is largely the creation of George Heron, N2APB.

While you are at it, one of the best resource pages I have found is also from the NJQRP Club and it is also maintained by George.

<http://www.njqrp.org/data/links.html>

73, Jim  
Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>  
ICQ 11022915 AK-QRP#3 SOC#3

w2xn@juno.com wrote:

> Some time ago I remember seeing a web site posted where we could view and  
> download slides for a QRP presentation to our local radio clubs.

-----

Date: Wed, 16 Feb 2000 23:29:44 EST  
From: n5ib@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [63467] HB: snipping vs shearing device leads  
Message-ID: <20000216.222301.4559.3.N5IB@juno.com>

On Wed, 16 Feb 2000 11:57:15 -0500 "AI2Q Alex" <ai2q@ispchannel.com>  
writes:

>Also, don't snip leads with a sidecutter pliers. Use a pair  
>of scissors. Some devices are susceptible to wire-bond failures  
internally  
>when the shockwave from a snip reaches the bonding pad.

Alex make a good point. I was told that many years ago and ignore the  
lesson far too often (fortunately without consequences - that I know about  
- so far). I think there are some good quality wire cutters available  
that are actually "shears" rather than "nippers" but I can't remember  
where I saw them. Some of the the cheap cutter/strippers are, in fact,  
shears, but you can't cut close enough to the board. The ones I'm  
thinking about allow you to cut very close to a pad. Anyone know the  
source?

72  
Jim N5IB

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----

Date: Wed, 16 Feb 2000 23:14:04 -0500  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [63468] Re: 12V Gell Cell v. 13.8v power supplies?  
Message-ID: <001501bf7901\$67859880\$ea103604@dbw-11-main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



Folks,

I'd also add to this discussion that the gell cell is a version of the lead acid battery which yields a nominal 2 volts per cell - actually 2.3 volts is close to the no load, fully charged voltage. That is how you get 13.8 volts - simply 2.3 volts x 6 cells.

73,

Don Wilhelm -Chapel Hill, NC

W3FPR QRP-L # 485 K2 SN 0020.

>

-----  
NetZero - Defenders of the Free World  
Get your FREE Internet Access and Email at  
<http://www.netzero.net/download/index.html>  
-----

Date: Thu, 17 Feb 2000 01:39:19 EST  
From: BenNW7DX@aol.com  
To: rattray@gpfn.sk.ca, qrp-l@lehigh.edu  
Subject: [63469] Fox: NW7DX's Final Log  
Message-ID: <19.1370064.25dcf197@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Well, Hopefully all of the corrections are made. I would again like to thank everyone for their wonderful emails and kind words about the hunt, which were sent to me both direct and via this list. It has been lots of fun!

Below is my final log. I have taken out all the non qrp-l member QSO's. Also, there are more comments below the log.

==

2000 FoxHunt NW7DX

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qrp-L#	Qth	Pts
----	----	----	----	-----		----	----	----		----	----
40CW	16-Feb-00	01:00	1	KU7Y	*	579	599	RON 17		NV	1
40CW	16-Feb-00	01:00	2	N7RR	*	579	599	BRUCE 1688		WA	1
40CW	16-Feb-00	01:01	3	WE6W	*	579	599	ED 1068		CA	1
40CW	16-Feb-00	01:01	4	VA7NT	*	559	559	PAUL 20		BC	1
40CW	16-Feb-00	01:03	6	N5TW	*	559	559	TOM 1474		TX	1
40CW	16-Feb-00	01:04	7	AB5UA	*	549	559	CLIF 478		OK	1
40CW	16-Feb-00	01:05	8	K0EVZ	*	549	559	DOC 861		ND	1
40CW	16-Feb-00	01:05	9	NQ7X	*	579	559	FLOYD 343		AZ	1
40CW	16-Feb-00	01:06	10	VE6EWM	*	559	339	EARL 1076		AB	1

40CW	16-Feb-00	01:07	11	W1XT	*	579	579	BOB 262	AZ	1
40CW	16-Feb-00	01:07	12	N0RN	*	559	559	BOB 1789	CO	1
40CW	16-Feb-00	01:08	13	N0EA	*	569	559	WAYNE 1058	MO	1
40CW	16-Feb-00	01:10	14	K5AAR	*	559	569	DON 1512	OK	1
40CW	16-Feb-00	01:11	15	K7TQ	*	559	559	RANDY 102	ID	1
40CW	16-Feb-00	01:12	16	W7ILW	*	579	559	HOWARD 2010	AZ	1
40CW	16-Feb-00	01:12	17	K5OI	*	559	559	TIM 73	NM	1
40CW	16-Feb-00	01:13	18	N6WG	*	579	599	BOB 26	CA	1
40CW	16-Feb-00	01:18	19	K5LN	*	559	559	BILL 1794	TX	1
40CW	16-Feb-00	01:19	20	KI0II		579	579	RON 928	CO	1
40CW	16-Feb-00	01:21	21	W0RW	*	579	599	PAUL 1284	CO	1
40CW	16-Feb-00	01:22	22	KB7WW	*	579	559	ART 290	OR	1
40CW	16-Feb-00	01:24	23	N5IW	*	599	559	BILL 1718	TX	1
40CW	16-Feb-00	01:25	24	K8DD/C6A	*	549	559	246	HANK	1
40CW	16-Feb-00	01:25	25	AF5Z	*	579	579	BOB 984	TX	1
40CW	16-Feb-00	01:29	26	N0DT	*	579	559	DAN 1004	MO	1
40CW	16-Feb-00	01:31	27	N5EN	*	559	559	STEVE 2071	TX	1
40CW	16-Feb-00	01:32	28	K5ZTY	*	569	559	BILL 473	TX	1
40CW	16-Feb-00	01:33	29	NK7M	*	579	599	BOB 271	AZ	1
40CW	16-Feb-00	01:33	30	W5HNS	*	549	559	HENRY 178	TX	1
40CW	16-Feb-00	01:34	31	W0CH	*	549	559	DAVE 618	MO	1
40CW	16-Feb-00	01:35	32	N7MFB	*	569	599	BILL 715	WA	1
40CW	16-Feb-00	01:36	33	KK5LD		549	559	DAN 2052	TX	1
40CW	16-Feb-00	01:38	34	N0TU	*	559	559	STEVE 911	CO	1
40CW	16-Feb-00	01:39	35	N7YA		559	559	ADAM 1608	NV	1
40CW	16-Feb-00	01:40	36	AB7CE	*	579	599	ROY 1494	MT	1
40CW	16-Feb-00	01:41	37	N0UR	*	549	559	JIM 799	MN	1
40CW	16-Feb-00	01:42	38	N1TP	*	549	229	TOM 1317	FL	1
40CW	16-Feb-00	01:44	39	W4NJK	*	569	599	CHARLIE 2075	CA	1
40CW	16-Feb-00	01:45	40	N7KT	*	559	579	ROGER 62	AZ	1
40CW	16-Feb-00	01:46	41	N7CQR	*	579	559	DAN 502	OR	1
40CW	16-Feb-00	01:48	42	W0JOE	*	569	559	JOE 1901	MO	1
40CW	16-Feb-00	01:50	43	KJ5SP		539	339	MEL 1287	OK	1
40CW	16-Feb-00	01:53	44	WB6MFS		579	559	JOHN 1501	CA	1
40CW	16-Feb-00	01:53	45	W5TB		549	559	DOC 673	TX	1
40CW	16-Feb-00	01:55	46	W4WLG		559	559	DON 2123	TX	1
40CW	16-Feb-00	01:56	47	NK6A	*	579	579	DON 1517	CA	1
40CW	16-Feb-00	01:57	48	K1MG	*	579	599	MIKE 614	CA	1
40CW	16-Feb-00	01:59	49	N4ROA	*	559	559	DAN 970	VA	1
40CW	16-Feb-00	02:01	50	N6XU	*	569	599	STAN 66	CA	1

2000 FoxHunt QSO's NW7DX

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qrp-L#	Qth	Pts
------	------	------	------	------	--------	------	------	------	--------	-----	-----

----	----	----	----	-----	----	----	----	----	----	
40CW	16-Feb-00	02:02	51	KI0KY		569	559	STEVE 1303	TX	1
40CW	16-Feb-00	02:04	52	AB0GO	*	569	579	DAVE 785	CO	1
40CW	16-Feb-00	02:06	53	N1LN	*	569	579	BRUCE 2049	TX	1
40CW	16-Feb-00	02:07	54	N5LU	*	559	549	BILL 2009	OK	1
40CW	16-Feb-00	02:09	55	AK1P	*	569	599	PAUL 284	CA	1
40CW	16-Feb-00	02:10	56	W5YR	*	569	559	GEO 1373	TX	1
40CW	16-Feb-00	02:11	57	AC6UV	*	559	559	GODY 1881	CA	1
40CW	16-Feb-00	02:14	59	AF4PS	*	559	559	MAC 704	FL	1
40CW	16-Feb-00	02:16	60	K5JHP	*	569	339	BILL 825	TX	1
40CW	16-Feb-00	02:28	61	W5SB	*	599	559	BILL TX	1279	1
40CW	16-Feb-00	02:30	62	W0RSP	*	579	449	ADE 661	SD	1
40CW	16-Feb-00	02:32	63	WS4S	*	569	519	CONARD 993	TN	1
40CW	16-Feb-00	02:34	64	KK5LD	*	569	559	DAN 2052	TX	1
40CW	16-Feb-00	02:36	65	KD6AXT		579	599	DAN 2046	CA	1
40CW	16-Feb-00	02:37	66	KQ5U	*	579	559	TERRY 1603	TX	1
40CW	16-Feb-00	02:39	67	AB0CD	*	599	559	DICK 483	CO	1
40CW	16-Feb-00	02:43	68	K10J	*	569	559	OJ 732	TX	1

73, and good luck in the rest of the fox hunts. Also, to clarify the confusion on my age, I am 15 years old, born in 1984 and not '86 which was mentioned before. I've been a ham since April of '98, so I will be coming up on my 2nd year as a ham pretty soon!

==Ben - NW7DX==

-----

Date: Wed, 16 Feb 2000 23:50:37 PST  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: Peter\_Simpson@ne.3com.com, qrp-1@Lehigh.EDU  
Subject: [63470] Re: Head Copy  
Message-ID: <20000217075037.86426.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Apparently,  
>the buffer's only a few characters long. Your mileage  
>may vary, or you may be blessed with a longer buffer :-)  
>

It's only 7 or so. This channel capacity limitation was discussed by GA Miller, in his famous paper: "The magical number seven, plus or minus two".

73, Leon

Leon Heller, G1HSM

Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221

InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,  
NN12 6AD, United Kingdom.

Email:leon\_heller@hotmail.com

Web page: <http://www.geocities.com/SiliconValley/Code/1835>

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Thu, 17 Feb 2000 00:28:31 -0800

From: Dan Presley <talljazz@teleport.com>

To: qrp-1@LeHigh.edu

Subject: [63471] Free Wow!

Message-ID: <v03007854b4d160a719d2@[216.26.60.163]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Thought I would forward this to the list from the minutes of our last Portland qrp club-more good news for you 'tech types' and builders, and a story for you submariners. BTW, Burt, N7OW activates a station from the local sub (USS Blueback) which is moored at the Oregon Museum of Science & Industry in Portland.

>

>Well, here's some more Wow's!

>

>We were 31 strong at the meeting in a room of our own!

>

>We met Saturday and Wes Hayward, W7ZOI brought his new QRP radio design.

>This is a big WOW! It's an evolvement of the original he brought a few

>months back and it will be published in the June QST. We are the lucky ones

>to have been there in its first design and of course previewing the product

>before publishing. A better description was included in the meeting

>invitation.

>

>Along with the new rig, Wes brought in his original 1973 "Micro

>Mountaineer." This unique QRP radio is a classic which was in the ARRL

>handbook for years. If you think about the size, shape and design of QRP

>radios, it set the standard. We put it beside a finished DSW and they are

>about the same size except for shape. The MM had a built-in key albeit

>somewhat different than today's built-in electronic keyers. The basic

>outside case was the same. Think about some basic products that have been  
>designed and then radically changed over the years and it adds up to a lot  
>of stuff. There are few that have remained fundamentally the same, the  
>bicycle being one, for over 150 years basically the same. This original  
>design of Wes' is a classic as it has stood the test of time for 27 years.  
>It was a thrill to hold it, look at it and to have present-day digital rigs  
>there also. It's in the same class as the "Tuna Tin." Seeing the MM, I  
>recalled the Smithsonian's visit to Portland a few years back. If you went,  
>they had Samuel Morse's original key there. It was a thrill to see it!  
>Basic design unchanged over the years, downsized yes, but basic design, the  
>same. Thank Wes for bringing both the Micro Mountaineer and the new rig to  
>the group. We are lucky to have you in the group and even luckier to see  
>these remarkable rigs from the inventor/engineer. Wow! Thanks Wes!

>

>The winner of the best QSO story is still in committee. The sartorial  
>elegance committee had to take this quest over as there were too many good  
>entries. As you know, the SEC is known for its elegant taste and ability to  
>discern delicate differences in style. Some honorable mentions are the  
>Linda Kidd, KB7JQP comments about the humor on the 147.04 repeater, the guy  
>from Andorra who needed a map in the middle of the pile-up by Steve, KG7PV.  
>Solderman, Mike, KK7GG gave us a chuckle with the story of his  
>nickname--getting the chest hair burned off by hot solder going down his  
>shirt while on a tower. Hank, KR7X story with the contest pileup call for  
>"multipliers only" and one HAM's response is also in there.

>

>There was lots of sharing of info/ideas going on and that's the whole idea.

>

>I'll be meeting in the next two weeks or so with Tom Scott to look over his  
>1250 foot site for Field Day potential for us.

>

>Ending with this true Sea Story. When I was in the Navy, I was a radioman  
>and the USS Thresher, a submarine had gone down. We were ordered to stand  
>watch on all emergency and ship/shore frequencies just in case, world-wide.  
>The callsign of the ship I was on was NZAU and the Thresher's was NZFF.  
>Sound it out in CW and you know they sound similar. Well, one night, I  
>needed to send out a message and we were in a missile control area and were  
>restricted to 25Watts or less for transmissions. I loaded up a Navy TCS  
>transceiver with 10 Watts. We were South of Johnson Island. I called Adak  
>Alaska, using the theory that the signal would go North from South. I  
>received answers from San Francisco, Japan, Guam, Midway, Phillipines, Long  
>Beach, San Diego, Hawaii, Alaska and Vietnam. That's good listening! Of  
>course, they thought I might be the Thresher but that's QRP at it's finest!

>

>So, for now, you tinkerers, twidgets, toyers, twiddlers, gadgeteers,  
>inventors, engineers, keep at it and bring something to the next QRP  
>meeting.

>

>ttnfn,

>  
>72z,  
>  
>Burt, N7OW  
>

Dan Presley  
talljazz@teleport.com  
(503) 232-8244  
pager (503) 229-8682

-----  
Date: Thu, 17 Feb 2000 01:15:46 -0900  
From: Bruce Hopkins - KL7H <kl7h@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [63472] QRP Items For Sale  
Message-ID: <v03007802b4d17a76dbc6@[208.161.167.4]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

I have several QRP related items for sale and more to be added as I sort through my hamshack... Our plans to move back aboard a sailboat force me to cut back on my baggage... Rather than bore you with all the details here on the list, I have put a web page together that lists the items for sale as well as showing pictures... Items currently on the 4 Sale page are a White Mountain 75M SSB QRP rig, my Sierra with KC2, two Bugs, and an OHR WM-1 wattmeter...

To view these and many more items, point your browser to:

<http://home.gci.net/~bhopkins/4sale>

Items will be added daily as I get them photographed... If you do not have browser capability, drop me an e-mail and I can send you a text listing... Take care and have fun...

72 / 73 / oo's - Bruce - KL7H  
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://www.qsl.net/kl7aqc>

-----  
Date: Thu, 17 Feb 2000 10:56:51  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [63473] Re: FS: Radio Shack Probe-Style Oscilloscope  
Message-ID: <200002171057.EAA05149@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

This unit is spoken fo...

thanks,

Larry KA5T  
Georgetown, TX

-----  
Date: Thu, 17 Feb 2000 10:57:32  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [63474] Re: FS: RAC CycleMaster PC Board Kit & Optical Encoder  
Message-ID: <200002171057.EAA05152@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

This unit is spoken for...

thanks,

Larry KA5T  
Georgetown, TX

-----

Date: Thu, 17 Feb 2000 07:34:02 -0500  
From: "The One and Only!" <mitch96@pobox.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [63475] FS ohr dd-1 70 bucks  
Message-ID: <38ABEABA.5AA1B32F@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

new in package, we split shipping.

--

73, mitch ww4ml

lost in the ethers again.. --  
                  \_\\/\_  
                  \\/\_/

-----  
Date: Thu, 17 Feb 2000 07:52:40 -0500  
From: "Pastor-kc1di" <ELBC@PIVOT.NET>  
To: <khopper@uchicago.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63476] Re: [Q] OT: PSK31 Newsletters?  
Message-ID: <007101bf7945\$e14282c0\$1810a1d0@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Ken Hopper" <khopper@uchicago.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, February 16, 2000 8:57 PM  
Subject: [Q] OT: PSK31 Newsletters?

> Does anyone know of a PSK31 newsletter? Phil Sussman N8PS has been running  
a  
> speciality newsletter called "Pactor News" ( <http://www.pactor.com/> ) that  
has  
> great info, DX, Contests, new software and hardware, commercial products,  
etc.  
> Looks like a nice format for a PSK31 newsletter but he has no authors who  
are  
> willing to write regularly for that subject.  
>  
> Are there other newsletters out there somewhere that you would recommend?



Any

> clubs or organizations specializing in PSK31?

>

> TNX,

> Ken N9VV K2 #167 +SSB +NB <http://www.qsl.net/n9vv/>

>

Hi Ken,

Don't know of any newsletters per say but there is a Psk 31 reflector at  
<http://www.n2ty.org/psk/maillist.htm>

73 dave kc1di SOC# 56 qrp /psk31/hell

-----  
Date: Thu, 17 Feb 2000 05:59:44 -0800 (PST)

From: Curt Milton <wb8yyy@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [63477] Re: HTX-10 QRP power level set

Message-ID: <20000217135944.20483.qmail@web2005.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Just for clarification ... if you want to "insure" rig  
does not exceed QRP then follow Steve's guidelines ...  
but for QRP ssb you CAN operate QRP by adjusting the  
"audio level" setting (so no need to break into the  
rig just to be QRP). however - for FM the power level  
is fixed at max output. Given Steve's warning of  
alignment difficulties - and because there may be a  
time to QRO on this "fickle" (i mean that  
affectionately) band - i would recommend most of us  
not fiddle with the adjustments.

Overall this is a decent rig - maybe its the lowest  
cost ham SSB rig ever?

curt wb8yyy

--- sigcom@juno.com wrote:

> Group,

>

> (re-post from 01-16, see QRP-L archives)

>

> Here is how I set the Radio Shack HTX-10 to QRP

> levels (disclaimer:

> Proceed at your own risk. Removing the cover and

> performing the

> following adjustments voids the manufacturer's  
> warranty. This procedure  
> worked for me but YMMV, yada yada).  
>  
> Test equipment required:  
>  
> Sine-wave audio oscillator set to 1000 Hz,  
> attenuated to 5mV RMS.  
>  
> 50 Ohm RF dummy load.  
>  
> RF Watt meter.  
>  
> (1.) Remove bottom cover of unit. Locate and  
> identify pots RV-9, RV-14  
> and RV-16: With the unit facing you,  
> component side up, RV-9 is the center pot in  
> the group of three  
> pots to the left of the modulation transformer  
> toward  
> the rear of the unit. RV-16 is the pot in  
> the group of three  
> closest to the modulation transformer. RV-14 is  
> toward  
> the front about 1 inch from the modulation  
> transformer, next to an  
> electrolytic marked C320 (OF's like me, get out  
> your magnifying glass).  
>  
> (2.) SSB power setting: With 13.8 VDC powering the  
> radio and a Watt  
> meter and dummy load connected to the  
> antenna jack, connect your audio oscillator  
> to pin 1 of the mic.  
> connector (looking at the front of the connector,  
>  
> counting clockwise from the index pin on the  
> connector, pin 1 is  
> the fifth pin). Ground the PTT line, pin 3 on the  
> mic.  
> connector (the third pin, again counting  
> clockwise from the index  
> pin). Adjust RV-9 for desired power level. DO  
> NOT EXCEED 25 Watts. Remove ground from PTT  
> line.  
>  
> (3.) AM power setting: (same setup as above) Remove  
> audio oscillator.

> Ground PTT line. Adjust RV-16 for desired  
> power level. DO NOT EXCEED 7 Watts power  
> output. Remove ground  
> from PTT line.  
>  
> (4.) FM power setting: (same setup as in step '2.'  
> ) Remove audio  
> oscillator. Ground PTT line. Adjust RV-14 for  
> desired power level. DO NOT EXCEED 25 Watts.  
> Remove ground from  
> PTT line.  
>  
> For steps 2-4 above, make sure that the radio is in  
> the appropriate mode  
> for each step :-).  
>  
> The preceding instructions assume that your HTX-10  
> is already in proper  
> operating condition and alignment. If you have  
> messed with the  
> alignment, get the service manual from Radio Shack  
> and do a proper  
> alignment first. Warning: The complete factory  
> alignment procedure is  
> somewhat complex and requires accurately calibrated  
> test equipment.  
>  
> 73.....Steve, WB6TNL  
>

---

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> <http://dl.www.juno.com/get/tagj>.  
>

---

Do You Yahoo!?  
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<http://im.yahoo.com>

---

Date: Thu, 17 Feb 2000 09:06:21 -0500  
From: "Pete (N9SSA)" <n9ssa@arrl.net>  
To: N10DL@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [63478] Re: FOX: K8DD/C6A in [Michigan]...YESSSS  
Message-ID: <4.2.2.20000217090615.00c6fbc0@mail.iserv.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Yeah - Did I sound a little nervous? Did I send the wrong exchange?!?!? Yee hoo!

After putting the kids to bed, and taking a phone call, I finally got down to the shack to tune around for my first foxhunt. It was pretty easy to find... Why else would there be a pile up on a Thursday night?

You are right, Aron. I wasn't on the TT2. I was on Yaesu FT-900 @ 3W into 40M Dipole @ 30 feet. Still a good one, I think. It took me about 5 minutes to work 'em.

Distance between 42:47:24N 86:09:00W and Nassau, The Bahamas, as the crow flies:  
1319 miles (2122 km) (1146 nautical miles)

439 MPW. No biggie, but still COOL!

If anyone was listening in on my QSO, I'd sure appreciate any pointers... Everything was a bit QRQ for me... Was I on a good freq? I'm not sure, but I think I had him zero-beated. Naughty naughty. I know my exchange stunk, but I'll have it right for the next one.

What a way to roll after my TT2 QSO with Aron!

What a blast. Lovin' Amateur Radio, and Lovin' QRP. Best 72!

At 09:26 PM 2/16/00 , N10DL@aol.com wrote:

>Finally, got the FOX,K8DD/C6A tonight at 0206Z. finally figured it out. tried  
>using my RIT to see if I could get off freq. a little bit. first tried UP, no  
>luck....then DOWN...and second call, BAM... got him...My wife can't  
>understand why I am jumping up and down like a lunatic....the NH wall has  
>been broken...BTW, heard Tom, N1TP in florida bag him also. Also N9SSA,  
>Peter. I presume Peter, you were not using your Tuna Tin 2. TONIGHT? Thanks  
>for making my evening.

>Aron

>N10DL

>Bedford, NH

>QRP-L#1326 FISTS#4110 G-QRP#9946 SOC#10

N9SSA - Pete Hoffswell

Holland, MI - EN62wt - 42.79N 86.15W

n9ssa@arrl.net <http://www.qsl.net/n9ssa>

QRP-L #2109

-----  
Date: Thu, 17 Feb 2000 09:48:41 -0500  
From: Ken Newman <N2CQ@citnet.com>  
To: QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [63479] CONTEST:QRP Calendar - This Weekend  
Message-ID: <3.0.6.32.20000217094841.007c5b50@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CALENDAR  
Feb 19-20, 2000

~~~~~  
ARRL International DX Contest (CW) ... QRP Category

Feb 19 - 0000z to Feb 20 - 2400z

Rules: <http://www.arrl.org/contests/announcements/intldx.html>

~~~~~  
AND LATER.....

~~~~~  
CQ 160 Meter Contest (SSB) ... QRP Category

Feb 25 - 2200z to Feb 27 - 1600z

Rules: <http://www.cq-amateur-radio.com/160rules99.html>

~~~~~  
North Carolina QSO Party (CW/SSB) ... QRP Category

Feb 26 - 1200z to 2359z

Feb 27 - 1200z to 2359z

Rules: <http://www.netpath.net/~n4mio/qsoparty.htm>  
~~~~~

UBA DX Contest - Belgium (CW) ... QRP Category

Feb 26 - 1300z to Feb 27 - 1300z

Rules: <http://www.uba.be/Engels/framesgb.htm>  
(Click on "Latest News" then "Contestrules UBA Contest")  
(Contest software available for download)

~~~~~  
High Speed CW Club Contest ... QRP Category

Feb 27 - 0900z to 1100z

Feb 27 - 1150z to 1700z

Rules: <http://www.sk3bg.se/contest/hsccl.htm>

~~~~~  
Colorado QRP Club Winter QSO Party (CW/SSB) ... QRP Contest!

Feb 27 - 2200z to Feb 28 - 0400z

Rules: <http://www.sk3bg.se/contest/coqrpwqp.htm>

~~~~~  
72 de ~~~QRP Contest Calendar~~~  
Ken Newman - N2CQ <http://www.njqrp.org/data/contesting.html>  
Woodbury, NJ  
N2CQ@ARRL.NET ~~~WQ2RP NJQRP Club Station~~~

-----  
Date: Thu, 17 Feb 2000 09:53:07 -0500  
From: "Ed Hare, W1RFI ([w1rfi@arrl.org](mailto:w1rfi@arrl.org))" <[w1rfi@arrl.net](mailto:w1rfi@arrl.net)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [63480] Re: Black Cat Operating event  
Message-ID: <88h26t\$q2c\$1@p1k.arrl.org>

John A. Evans - N0HJ wrote:

>I second Bruce's Kudos !! The certificates for the Black Cat event  
>and the Tuna Tin 2 QSOs are wonderful.

By my guess, with the possible exception of the few European contacts I managed, folks should have their certifi-cats by now. If anyone worked W1RFI or W1AW for a Tuna Tin 2 or Black Cat/Zombie Shuffle QSO and does not have a certifi-cat, email me with the contact info and I will send it along.

>tnx Ed et al es 72 - john - n0hj

>PS - we have some real advocates at the ARRL !!

QRP always has, John; after all, it was DeMaw who designed the original TT2 and a host of other QRP projects. Many of the QST and book projects are QRP oriented. The League has added QRP categories to many contests and awards. Now, I may be a bit visible, but, other than in the ARRL Lab, I have no special ability to represent QRP to ARRL. My QRP interest is personal and if I were to leave ARRL HQ, though QRP wouldn't get to see as much of it in person, as it were, QRP would continue to be a part of the League and its programs.

Even the Black Cat event had a strong personal motive. :-) Now, speaking of that, the upcoming Great Super Secret QRP Special Event is getting ready. I have just confirmed with the one who will make the first historic QSO as part of this event that we are "on" for Saturday evening, 2/26. I won't tell you the mystery call we are going to be using, but you will know the event when you hear it! (If anyone figures it out, keep it a secret!) Now that I am all caught up on issuing the certifi-cats, I gotta' get ready to do it all over again, but with a new twist that will be just as good, if not better, than what has been done so far. (Yes, I think it DOES beat W1AW/7! :-) ). I will do a formal announcement on Monday that can be repeated on some of the other lists.

73,  
Ed Hare, W1RFI(?)

-----  
Date: Thu, 17 Feb 2000 06:57:03 -0800  
From: Lou Fisher <hummba@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63481] QRP Item For Sale  
Message-ID: <38AC0C3E.6D8C00C4@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

GE.0-100 MILLIAMPERES RF POWER METER W/REMOTE SENSOR.  
NEW OLD STOCK PERFECT CONDITION 0-100 MA RF PANEL METER.  
METER USES A REMOTE SENDER TO MEASURE RF. SENSOR CAN BE MOUNTED  
AT RF SOURCE ELIMINATING SHIELDING PROBLEMS.

Meter and Sensor Packaged in Original Sealed Box  
From Day of Manufacture, with Template and Mounting Screws  
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PRICE \$10.00 Plus Postage \$3.50 Priority Mail USPS.  
(United States Postal Service)

Pictures can be Viewed At:

<http://www.angelfire.com/ca2/k10e/GE100mAMPRF.jpg>

<http://www.angelfire.com/ca2/k10e/GE100mAMPRFsender.jpg>

Interested ? Please Respond By Email

73.....Lou, WB6LQD

email - hummbar@pacbell.net

-----  
Date: Thu, 17 Feb 2000 10:09:41 -0500  
From: Sam Smith <sam.smith@ece.gatech.edu>  
To: qrp-l@lehigh.edu  
Subject: [63482] ANT: dipole and ladder line - cutting  
Message-ID: <38AC0F35.39A3E394@ece.gatech.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I want to cut a half wave dipole fed with 200' of ladder  
line.

If I'm using a MFJ antenna analyzer, do I:

A) connect one side of the ladder line to the MFJ and ground  
the other side to the MFJ.

B) Use a balun between the MFJ and the ladder line.

C) Climb up on the pole and tune the dipole without the  
ladder line.

thanks for all the wonderful help I have gotten off this  
list...

--

Sam Smith N4MAP

Georgia Tech, ECE 0250, Atlanta, GA USA 30332

<http://www.ee.gatech.edu/users/sam>



<http://www.mindspring.com/~sam.smith>

-----  
Date: Thu, 17 Feb 2000 10:11:50 -0500  
From: "Pete (N9SSA)" <n9ssa@arrl.net>  
To: qrp-l@Lehigh.EDU  
Cc: k8daa@listbot.com  
Subject: [63483] OP: GREAT QSO distance Calculator on the WEB!  
Message-ID: <4.2.2.20000217100702.00a71b10@172.16.1.100>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey hey!

Want to calculate that Miles Per Watt easily? You GOTTA check out the distance calculator on my webpage.

Calculate distance between two points. Points given as city and state, state, nation, city and nation or latitude and longitude .  
Direct link to Xerox map server to plot the two points on a map!

GREAT!

<http://www.qsl.net/n9ssa/>

N9SSA - Pete Hoffswell  
Holland, MI - EN62wt - 42.79N 86.15W  
n9ssa@arrl.net <http://www.qsl.net/n9ssa>  
QRP-L #2109

-----  
Date: Thu, 17 Feb 2000 09:22:17 -0600  
From: BRISCH@MN.USWEST.NET  
To: qrp-l@Lehigh.EDU  
Subject: [63484] OT Johnson Ranger problem  
Message-ID: <3.0.6.32.20000217092217.00a39790@mail.mn.uswest.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Good day all, don't get in a panic over my off topic post: I am just looking for info. I am trying to bring back to life a Johnson Ranger (original version). Got a problem that has me confused: I have oscillator current both using the VFO and a crystal. The buffer control shows varying buffer current.

Now the problem: no grid or plate current. The clamper tube is working and seems ok. I get a signal on the scope up to the blocking cap between the 6CL6 buffer plate and the grid of the 6146. On the 6146 side no signal. This is true even with the 6146 removed. Checked all component values and replaced out of spec resistors. I also replaced the blocking cap.

Anyone see this problem before or have a suggestion.

Any thoughts appreciated.

Thanks

Bill K0QK

-----  
Date: Thu, 17 Feb 2000 10:34:33 -0500  
From: "Karty, Steven" <kartys@ncs.gov>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [63485] Amateur Radio Hamfest on Sunday, 27 February 2000  
Message-ID: <AAAAAD7534DADD3119C4F00204804F0CC4D2F40@rbmail101.chamb.disa.mil>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I hope that posting the following hamfest announcement is OK.  
If not, please feel free to flame me - off of the list (of course).  
72, Steven - N5SK

-----  
Sunday, 27 February 2000 - The Vienna Wireless Society Winterfest Hamfest will be held at Northern Virginia Community College, 8333 Little River Turnpike (Route 236) in Annandale, VA (less than one mile from the Capital Beltway around Washington, D.C.) on Sunday, 27 February 2000. Frostbite Tailgate opens 6 am on a first-come basis. Indoor area opens 7 am. Admission is \$5, tailgate space is \$10 including admission, and indoor tables are available at extra cost. ARRL VE exams are at 8 am the same day. Talk-in on 146.91(-) & 146.685(-). For more information, contact Mike Toia, K3MT (Winterfest Chairman) at (703) 757-7021 or go to <http://users.erols.com/k3mt/vws/wf/hamfest.htm>

-----  
Date: Thu, 17 Feb 2000 10:36:14 -0500  
From: "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>  
To: <qrp-1@Lehigh.EDU>

Subject: [63486] miniPIG QSO  
Message-ID: <000901bf795c\$c497fb70\$0202050a@400-3>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey gang,

The miniPIG-10 is on the air wanting to qso on 28062  
Any takers? be on till 17:00Z

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W  
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----  
Date: Thu, 17 Feb 2000 07:39:58 -0800  
From: Lou Fisher <hummbar@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [63487] QRP Item For Sale  
Message-ID: <38AC164E.B3254A8D@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Rollon&Smith 0-1.5 DC Amp Meter

NEW OLD STOCK PERFECT CONDITION 0-1.5 DC AMPMETER  
Meter comes in Original Box. Mounting Hardware included.  
Meter Face is 3 1/2 " Round Flush Mount.  
Mounting Hole Size is 2 3/4".  
PRICE \$10.00 Plus Postage \$3.50 Priority Mail USPS  
(United StatesPostal Service)

Pictures can be Viewed At:  
<http://www.angelfire.com/ca2/k10e/RS1.5dcAmp1.jpg>  
<http://www.angelfire.com/ca2/k10e/RS1.5dcAmp.jpg>  
Interested ? Please Respond By Email

73.....Lou wb6lqd  
email - hummbar@pacbell.net

-----  
Date: Thu, 17 Feb 2000 08:46:08 -0600  
From: wa7lnw@infowest.com  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [63488] WA7LNW/Beacon 28.288 Thurs. Feb. 17th 1600-2400 UTC  
Message-ID: <20000217154256.DAF44210A9@infowest.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Fellow QRPers...

WA7LNW / BEACON / 28.288

I have a 950 mw 10 meter beacon at 28.288 Mhz. operating  
today 1600 - 2400 UTC, Thursday, Feb. 17th.

QSL via e-mail: wa7lnw@infowest.com

- - - WA7LNW - - - - - 10 Meter Beacon - - -Southwestern UTAH - - - -

WA7LNW / 10 Meter Beacon / 28.288 Mhz

Thursday, February 17, 2000

28.288 Mhz

1600 - 2400 UTC

QSL via e-mail: wa7lnw@infowest.com

Special photo QSL card of Zion National Park, UT for all  
reception reports.

- - - - -

STATION: 950 Milliwatts  
ANTENNA: Single element wire delta loop @ 30 ft.

Thanks in advance for all reports!

73's de Jack, WA7LNW

-----

Date: Thu, 17 Feb 2000 07:57:02 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63489] Re: FOX: K8DD/C6A  
Message-ID: <Pine.GS0.4.10.10002170753350.26393-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hank sounded busy last night!

He was very weak here but I thought I'd give it a try.

I was following the stations he was working.....on his  
freq and a bit below.....I called....nothing....I tried  
tail ending a bit.....nothing.....I sild back up above  
the Fox and started calling about 250 Hz higher then the  
last station he worked.....about 3 calls and BINGO, I  
got the pelt!

Just goes to show that I shudda stayed up high all the  
time! I knew Hank was going to listen up there!

Thanks for the pelt guys, whoever was at the controls!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

-----

Date: Thu, 17 Feb 2000 10:51:26 -0500  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: tscott@eni.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63490] Re: Sierra on 15m Novice ...  
Message-ID: <38AC18FE.AF985884@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom,

It would probably be easier to figure a way to subtract some capacitance

from the main tuning cap.

Thos of us who wanted to extend the 80M module further into the Novice part of the band just put about 18pF in parallel with the main cap, and that moved us up. Doing it this way maintains the digital dial accuracy, etc.

I think the tuning is in the opposite direction on 15 M, so you'd have to subtract capacitance. (a capacitor in series?)

It's possible, of course that there is so little capacitance there that you can't remove enough, but I'd sure give it a try.

I just put a little socket on my sierra to plug in the added cap. Others just use clip leads to hook it in place. You could probably arrange a small DPDT switch to make a direct connection or add the cap.

Tom Scott wrote:

>

> Getting ready to build up my Sierra band module for 15m and noticed that the  
> default coverage of this module only gives me about half of the Novice band  
> segment from 21.000 to 21.150, missing the rest of the Novice segment up to  
> 21.200.

Hope this helps.

CUL,  
Bob, AE4IC

-----  
Date: Thu, 17 Feb 2000 07:57:06 -0800  
From: David Shalita <af389@lafn.org>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>  
Subject: [63491] OT: audio cable  
Message-ID: <38AC1A52.C9684649@lafn.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

Can someone point me to a LOW COST supplier of single conductor shielded audio cable I can use in homebrew projects.

Currently I am using RG174 coax but it is "way too stiff",

and is a little too large at 0.110 inch diameter,  
and 11 cents per foot is too costly. Flexibility is major concern.

Most suppliers have a very large min order, example Allied.

I am cannibalizing VCRs and TV sets, but yield is very small.  
Also, I have used the cable from walkman ear buds,  
but this is TINY fragile shielded cable. Need larger diameter than that  
to insure can prep cable without SMT techniques.

Thanks for hints.  
73, W6MIK

--

David Shalita (Dave)  
af389@lafn.org  
Van Nuys, CA

-----  
Date: Thu, 17 Feb 2000 10:50:58 -0500  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrp1\_Submit (E-mail)" <qrp-1@Lehigh.EDU>, "klqrp\_submit (E-mail)"  
<klqrp@waterw.com>, "\_AAAA\_NOGA\_onlist (E-mail)" <nogaqrp@qth.net>  
Subject: [63492] KIT: NOGAPIG (Power Indicator/Guard) Complete Document Version 2.  
1 Available on NOGA Web Page  
Message-ID: <66FCE0D1DF76D311913800805F6D0FA36E0E4D@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

The NOGA QRP Club has updated the NOGA web page with a complete  
assemble/testing manual that comes with the PIG. The new updated manual also  
shows details on the PIC Keyer and AF/Hiss Filter sections of the board  
that are available to be optionally populated with parts as the user sees  
fit. Thanks to Mike/K04WX and Pickett/AD4S for this effort to serve the QRP  
community.

North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Sam Billingsley AE4GX Atlanta, GA  
personal web page at <http://ae4gx.home.mindspring.com/>

-----

Date: Thu, 17 Feb 2000 11:14:30 -0500  
From: tbowman@nbn.net  
To: <qrp-1@lehigh.edu>  
Subject: [63493] SST schematic  
Message-ID: <007663014161120NBN1@nbn1.nbn.net>

I need a schematic of the SST transceiver.

Can anyone point me in the direction of a URL to it???

73,

Tom, WA3REY

-----  
Date: Thu, 17 Feb 2000 11:17:14 -0500  
From: "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [63494] Re: miniPIG QSO  
Message-ID: <001d01bf7962\$7f1c72f0\$0202050a@400-3>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

To Howard, W7ILW

Howard, I could not find your email address so I wanted to let U know I started to copy U but LOCAL QRN killed the qso. SRI Gonna have to build a noise blanker :-)

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W  
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----Original Message-----  
From: WB8QYY (DIZ) Dieter Gentzow <wb8qyy@one.net>  
To: qrp-1@Lehigh.EDU <qrp-1@Lehigh.EDU>  
Date: Thursday, February 17, 2000 10:36 AM  
Subject: miniPIG QSO

>Hey gang,

>



>The miniPIG-10 is on the air wanting to qso on 28062  
>Any takers? be on till 17:00Z  
>  
>73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
>Loveland, Ohio - near Cincinnati; 39.218N - 84.305W  
>SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
><http://w3.one.net/~gentzow/wb8qyy.htm>  
>  
>

-----  
Date: Thu, 17 Feb 2000 16:34:25  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [63495] Re: FS: TICK-1 keyer chip  
Message-ID: <200002171632.KAA00823@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

This item has been spoken for..  
thanks,  
Larry KA5T

-----  
Date: Wed, 16 Feb 2000 14:51:05 -0800  
From: Marv Fagenson <k6hcj@juno.com>  
To: qrp-1@Lehigh.edu  
Subject: [63496] TNX  
Message-ID: <20000217.084757.-221425.0.k6hcj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

to all of you! I can now see the URLs on Juno. My screen was blue as  
are the urls so they were blanked out. Tnx agn  
72 from so. ca. where it's raining cats and dogs.  
Don't step in any poodles!  
Marv Fagenson  
k6hcj@Juno.com

-----

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 17 Feb 2000 18:05:32 +0100  
From: =?iso-8859-1?Q?St=E9phane\_Collas?= <scollas@club-confair.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [63497] A default who becomes an advantage ?...  
Message-ID: <011301bf7969\$341ff5e0\$620a1fc0@magic.fr>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello all,

I have an IC756. It is an excellent transceiver. I have two IF filters  
(500Hz at 9Mhz, 250Hz at 455Khz).

It really sounds superb !

The main default of the transceiver is the clipping when I use QSK.

Nevertheless, for a few days, I am using the QSK on pile-ups.

I don't know if it is only a coincidence, but I have noted that I crack the  
mob, faster than before.

I have 100w and a R7000, 100FT up, on a high point of Paris city.

Wkd on several bands : 9G5 S21 5H P4 C6 YC KL7 W6 9J OA YV ZL V6 VK9 and a  
few others...

Any advice ?

73's de Steph, F5NZY.  
<http://www.qsl.net/f5nzy>

-----  
Date: Thu, 17 Feb 2000 12:16:52 -0500  
From: "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>  
To: <qrp-1@Lehigh.EDU>

Subject: [63498] OP: MiniPIG QSO with V31TH  
Message-ID: <003401bf796a\$d3c94320\$0202050a@400-3>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just had a nice qso with Tom, N0SS, working as V31TH in Central America  
He had my S meter pegged on the miniPIG-10, very loud on hi K2  
miniPIG got a 569. R0ck & Roll, love this stuff  
catch him at 28060

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"  
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W  
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493  
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----Original Message-----

From: WB8QYY (DIZ) Dieter Gentzow <wb8qyy@one.net>  
To: qrp-1@Lehigh.EDU <qrp-1@Lehigh.EDU>  
Date: Thursday, February 17, 2000 10:36 AM  
Subject: miniPIG QSO

>Hey gang,

>

>The miniPIG-10 is on the air wanting to qso on 28062

>Any takers? be on till 17:00Z

>

>73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"

>Loveland, Ohio - near Cincinnati; 39.218N - 84.305W

>SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493

><http://w3.one.net/~gentzow/wb8qyy.htm>

>

>

-----  
Date: Thu, 17 Feb 2000 12:48:03 -0600  
From: David Heintzleman <pstrdave@kdsi.net>  
To: qrp-1@Lehigh.EDU  
Subject: [63499] OT: CD-Rom  
Message-ID: <38AC4263.5CAE5D53@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, while back conversation took place about CD-RW drives and readability problems - with suggestion to use CD-R drive instead. I wonder if that was a problem with the CD-RW's or was it just a "media" problem, that if you used CD R media, you had no readability problems with the CD on other computers?

Your comment please, "media issue" or other issue?

Dave K8BBM

-----

Date: Thu, 17 Feb 2000 10:52:00 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63500] [TECH] Small Loop on 160 Meters.  
Message-ID: <38AC4350.892E356C@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang, I build a coplanar wound, 6 or 7 turn loop for 160 Meters. This was about a year ago and I had 2 QRP-to-QRP QSO's with it. Well, 2 stations, one station I worked 3 times.

Anyway, it is on my webpage if you need information. But this post is about using it outside, away from the operating station.

Last night, in a test with Bob/N6WG, I was counting the minutes until 0600Z for our sked. Unfortunately the loop efficiency hit rock bottom.

I learned: Using wooden supports is not a good idea with these type of loops. Especially when the loop sits in the rain all day.

Two experiments were noted. One, I have a NE-2 bulb to check the loop tuning. Indoors, the bulb had both legs hanging off the bottom wire, closest to the high voltage node near the tuning capacitor. The bulb glows brightest at resonance and at 5 watts is nearly full glow. This is with the unit dry and inside the shack.

Moving the unit outdoors and fed with about 100 feet of RG-58 also tuned up well. I had to run to 10 WAtts

at the input of the feedline to get appreciable glow from the lamp and then reduced power. I got about 2.5 Watts to the unit and the lamp glowed weakly as I keyed.

In an effort to improve the lamp response when only 2.5 watts was input, I removed one lead of the lamp from the wire and connected it to a screw driven into the support structure (wood). The lamp responded a lot better and was much brighter at 5 watts too.

So, last night I had the loop in the back yard, the base of the wood structure is round dowlings and just fits inside the umbrella table lower support tube. Looks great atop the redwood picnic table -- what luck!

However, it sat in the rain all day and the wood was soaked. I now know that the wood does serve as a common buss point and that is why the light burned brighter. The wood support appears to steal power from the loop.

I darn near dismantled the structure I was so peeved.

The next 160 meter coplanar loop is going to have the same high-voltage feed this one has, but the support is also going to be a good insulator.

So if you build one, stay away from the wood and go for some type of quality insulating material. I'll probably incorporate some other PVC pipe in my next build.

The dry loop worked OK and I suspect the new materials will be even better than that.

Hope this is helpful.

I heard Bob last night and even answered him, but the losses were too much and I only reported a 119 RST. (119 is an overall report where some letters are 229 at times and over time you copy the entire call.)

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068

http://www.qsl.net/we6w Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

-----  
Date: Thu, 17 Feb 2000 11:54:53 -0700  
From: Roger Hightower <n7kt@earthlink.net>  
To: pstrdave@kdsi.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [63501] Re: OT: CD-Rom  
Message-ID: <38AC43FC.89A50CAD@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

You've got it....it's mostly a media problem.

\_Most\_ CD-ROM drives will read CD-R media. \_Very few\_ will read CD-RW media.

CD-RW is best used for personal stuff, to be retained temporarily.

All the QRP-L Archive CD's I did were on CD-R, and no one reported any problems.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

-----  
Date: Thu, 17 Feb 2000 13:01:39 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [63502] FOXHUNT:Team Scores  
Message-ID: <Pine.LNX.3.95.1000217125017.23729A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

\*\*\*\*\*  
..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL  
AS TO PAUL...that will be a big help...thank you all....

\*\*\*\*\*

Fox Hunt 31 - NW7DX -

\*\*\*\*\*

20th. MAINE BENGAL BEARS:Total=11

-----

Jim - N5IB  
Butch - N5SMQ  
Bill - NT1R  
Joel - KE1LA

BLUE J's:Total=13

-----

John - VE3JC  
Jim - VE6JWA  
Jeff - VA3JFF  
Jon - TF3JA

EMPIRE HOUNDS:Total=18

-----

Dick - K2JQ  
Kevin - N2T0  
Mark - N2JTW  
Nick - KF2PH

HOUSTON HOUNDS:Total=87"Sweep"

-----

Bill - K5ZTY <-  
Bill - W5SB <-  
Terry - KQ5U <-  
Dan - KK5LD <-

MANGY MUSHERS:Total=70

-----

Pete - NV4V  
Paul - VA7NT <-  
Bruce - N7RR <-  
Ed - K1VP

NIGHT OWLS:Total=48

-----

Ed - WE6W <-  
Rich - N5JI  
Dan - N7CQR <-  
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=61

-----

Cliff - AB5UA <-  
Royce - KE5TC  
Don - K5AAR <-  
Gody - AC6UV <-

RAIDERS OF THE LOST RF:Total=54

-----

Fred - VE3FAL  
Earl - VE6EWM <-  
Mary - NA6E  
Bruce - VE5RC

SCATTER SHOT GUNNERS:Total=75

-----

Mike - K1MG <-  
Jack - W5TFB  
Stan - N6XU <-  
Pat - K0PC

SFBA FOGHORNS:Total=23

-----

Bob - N6WG <-  
Conrad - NN6CW  
Andreas - N6NU  
Allan - K7GT

SWAMP RATS:Total=89

-----

Tom - N1TP <-  
Mac - AF4PS <-  
Fred - W2XN  
Paul - AJ4Y

SWORDS:Total=48

-----

Rick - WB6JBM

TEAM CRAMP.COM:Total=43

-----

OJ - K10J <-

Andy - KC8KFI  
Doc - K0EVZ <-  
Dan - N8IE

George - K5VUU  
Mike - K5NZ  
Eric - NM5M

TEAM ScQRPion:Total=81

-----  
Floyd - NQ7X <-  
Gary - AB7MY  
Conard - WS4S <-  
Bob - NK7M <-

TESLA'S TERRORS:Total=109

-----  
Wayne - N0EA <-  
Dan - N0DT <-  
Tim - N0EHW  
Joe - W0JOE <-

TEXAS TARANTULAS:Total=76"Sweep"

-----  
Bill - K5LN <-  
Dave - N5IW <-  
Bob - AF5Z <-  
Tom - N5TW <-

UNDERDOGS:Total=90

-----  
Roy - AB7CE <-  
Dan - N4ROA <-  
Brian - KB9BVN  
Ron - KI0II

WESTERN WRANGLERS:Total=43

-----  
Randy - K7TQ <-  
Chuck - K7Q0  
Steve - WW7Y  
Ron - KU7Y <-

NORTEX Irregulars:Total=13

-----  
Doc - W5TB  
Joe - KK5NA  
Don - N5YAK  
Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)



-----  
Date: Thu, 17 Feb 2000 13:05:53 -0600  
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>  
To: "qrp reflector" <qrp-1@Lehigh.EDU>  
Subject: [63503] G3YCC's new web address  
Message-ID: <000101bf797a\$06156660\$ae380b3f@default>

Could someone direct me to G3YCC's  
address? I seem to have lost Franks's  
new location. Thanks ... Mike in Mn

-----

Date: Thu, 17 Feb 2000 18:54:34 -0000  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <michaelbstjames@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [63504] Re: G3YCC's new web address  
Message-ID: <000601bf7978\$701194a0\$ada632d4@b8h7z1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here I am!

Frank G3YCC GQRP 042  
QRP web pages: <http://www.g3ycc.karoo.net>

-----  
Date: Thu, 17 Feb 2000 13:12:17 -0600  
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [63505] Moonbounce  
Message-ID: <0974781F4FC8D211A24600902727E806011B1EE5@saturn.rose.cc.ok.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

Sorry abt this,

Who was it that asked what rig and antennas I use on Moonbounce? I hit the wrong key and deleted it.

Hal

-----  
Date: Thu, 17 Feb 2000 11:19:29 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63506] FOX QUERY  
Message-ID: <38AC49C1.DFBABB48@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone know if the individual ranking are compiled anywhere yet? I'm curious what my numbers are for

this year.

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
http://www.qsl.net/we6w Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

-----  
Date: Thu, 17 Feb 2000 12:40:52 -0700  
From: "dschneider2" <dschneider2@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63507] Contesting on WARC bands  
Message-ID: <NDBBKEACNKBLIPNPMHPGKELHCAAA.dschneider2@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All:

I'm doing a bit of research here.

To the best of anyone's recollection, were there a bunch of QRPers (or QROers, for that matter) actually contesting on WARC bands over the past couple of years? Or did anything happen on the WARC bands that shouldn't have been happening, based on agreements concerning the use of WARC bands?

I don't recall anything like this occurring but someone says it did, and I may have missed it. But it's got my curiosity up.

Just respond to me directly. Thanks.

72 Dick AB0CD..

-----  
Date: Thu, 17 Feb 2000 13:41:22 -0600  
From: Dave Sjolin <sjolin@swbell.net>  
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [63508] Fox Notice for Tonight - 0100 UTC - NOIT  
Message-ID: <38AC4EE1.8B52D6CD@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

I will be wearing the fox costume tonight and I will poke my head out at 0100Z sharp and run for about 2 hours, band conditions and thunder storms permitting! Be aware, this is an hour earlier than my original schedule.

Look for me around 7.042, and please spread out a bit, and call once, bla-bla-bla usual stuff. Its a good idea not to call zero-beat with me because the qrm might block out my peanut whistle. If my calling frequency is clear, everybody has a better shot at hearing me.

My exchange will be sent at about 20 wpm and will be "urcall rst MO Dave 428 urcall BK." When I turn it over to you, please send your exchange only once unless I request a repeat. At the end of each qso, I will send TU de N0IT or QRZ de N0IT which will be your signal to create a little commotion.

If I don't come right back and acknowledge your exchange, please everyone standby. What most likely has happened is I've screwed up my manual logging and I am madly correcting my error. This is my first time at this end of a cw pileup so be "gentle." I am much more used to being at this end of pileup on rtty.

Equipment will be a Kenwood TS-940S running 4W to Butternut HF-2V vertical.

Good luck and I look forward to handing out a pelt to as many as you as I can tonight. (Friday UTC).

Dave Sjolin, N0IT  
St. Louis, Missouri

-----

Date: Thu, 17 Feb 2000 14:50:57 -0500  
From: jmarran@juno.com  
To: QRP-L@Lehigh.edu  
Subject: [63509] KB2HSH's Powermite homepage....  
Message-ID: <20000217.145103.-466867.0.JMarran@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Greetings all. I just wanted to waste some bandwidth and invite everyone to view my little Powermite homepage. Let me know what you think....

72/73....de...

John Marranca, Jr  
KB2HSH  
Buffalo NY

-----  
Date: Thu, 17 Feb 2000 12:09:56 -0800  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [63510] Re:Fox Query  
Message-ID: <38AC5594.D0C37EC3@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I got the information. Thanks to N1TP, K0EVZ,  
and AF4PS.

Hi Ed,

Tom, N1TP another Fl. Swamp Rat keeps up with this un-officially.  
He will mail it to you after heach hunt on request!

That's: <mailto:n1tp@worldnet.att.net>

Thanks Tom and group. -Ed "72"

--  
-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

-----  
Date: Thu, 17 Feb 2000 15:16:10 -0500  
From: jmarran@juno.com  
To: QRP-L@Lehigh.edu  
Subject: [63511] KB2HSH's Homepage URL  
Message-ID: <20000217.151616.-466867.1.JMarran@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Sorry!!! Here's the URL:

<http://homestead.juno.com/jmarran/KB2HSH.html>

73's

John

-----  
Date: Thu, 17 Feb 2000 14:36:22 -0600  
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [63512] [WHINE] FOX hunting  
Message-ID: <0974781F4FC8D211A24600902727E806011B1EEE@saturn.rose.cc.ok.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

All,

I gotta work until 0200 UTC every night and it takes almost an hour to drive to the farm from the college. By then the FOX has already gone to bed. Can't we run these things 30 minutes longer? Huh? Please? With sugar on top?  
Maybe? Sometime? Just for me? Pretty please?

Hal

-----  
Date: Thu, 17 Feb 2000 14:54:49 -0500  
From: Stuart Rohre <rohre@arlut.utexas.edu>  
To: "Jerry W. O'Dell" <jwodel1@ameritech.net>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [63513] Re: ANTS. Zepp, extended double Z,etc  
Message-ID: <38AC5209.A22E5BF4@arlut.utexas.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Jerry,  
Read further in my post. What does not work is feeding the end and having the characteristics of a HORIZONTAL dipole antenna! End fed Zepps will also radiate vertical signals off the unbalanced unterminated ladder line, it will have critical lengths of feeder, and possibly RF in the shack because of criticality.

Incidentally, calculations will show the center of any half wave antennna is the lowest impedance point, somewhere around 72/75 ohms in free space, maybe

in mid 50's/60 for low practical field uses over earth. The end of the half wave dipole is not infinite, (But never ZERO,) because of end effects of insulators, coupling to earth, etc. and thus is around 3000 ohms. This can vary, but since it is 100 times the lowest point, it does not matter if you are saying it is 3000, 2500, 3500. When fed with a tuned line, it could be matched efficiently, but that does not help the imbalance issue of the end fed Zepp radiation. You also will have unequal currents along wire length, since half of it is closer to the feeder, than the other half, and the wire Resistive losses are twice on one side as they are on the side closer to the feed. Any of the ARRL Handbooks or Antenna books probably have the graph of center dipole impedance over earth for given height. Transformation of that number for a given elevation thru the quarter wave transmission stub formula gives you the approximate end impedance subject to end effects enumerated above.

That is what Moxon worried about. You simply do not feed any unbalanced radiator, (optimally) with a balanced line alone!

Yes, almost anything will radiate. Folks have worked other states on their light bulb dummy loads off 75 watt or even QRP rigs! But, the QRP operator should strive for maximum efficiency for what he put into the feedline to radiate.

Any operator needs to consider his neighbors and do nothing to exacerbate a TVI situation when simpler antenna methods will work well. Such would be use of horizontal half wave dipole with center feed either with balun and coax, or balanced line and balanced Antenna Matching Unit.

Thus, for symmetrical radiation pattern, and less chance of TVI and RF in the shack, the end fed Zepp should be avoided in the Apartment shack case the original question posed. It will radiate, but not as well as other similar sized antennnas. The pattern could be a combination of radiation off feed and wire, and possible TVI could give problems with certain feeder lengths. Really no argument, just pointing out the more efficient center fed dipole horizontal radiator, and more RF safety from its use.

Vy 72,  
Stuart K5KVH  
Austiin TX

-----

Date: Thu, 17 Feb 2000 16:10:47 -0500  
From: jmarran@juno.com  
To: qrp-l@lehigh.edu  
Subject: [63514] KB2HSH's Homepage....  
Message-ID: <20000217.161058.-466867.2.JMarran@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Here it is:

<http://homestead.juno.com/jmarran/KB2HSH.html>

73's

John

-----  
Date: Thu, 17 Feb 2000 15:45:59 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [63515] FOXHUNT:Team Scores (fwd)  
Message-ID: <Pine.LNX.3.95.1000217154421.6288B-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...correction...typo error of mine....this was hunt #30 and not  
#31....thanks a lot for catching it Doc, K0EVZ!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

----- Forwarded message -----  
Date: Thu, 17 Feb 2000 13:01:39 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: FOXHUNT:Team Scores

\*\*\*\*\*  
..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL  
AS TO PAUL...that will be a big help...thank you all....

\*\*\*\*\*

Fox Hunt 30 - NW7DX -

\*\*\*\*\*



20th. MAINE BENGAL BEARS:Total=11

-----

Jim - N5IB  
Butch - N5SMQ  
Bill - NT1R  
Joel - KE1LA

BLUE J's:Total=13

-----

John - VE3JC  
Jim - VE6JWA  
Jeff - VA3JFF  
Jon - TF3JA

EMPIRE HOUNDS:Total=18

-----

Dick - K2JQ  
Kevin - N2TO  
Mark - N2JTW  
Nick - KF2PH

HOUSTON HOUNDS:Total=87"Sweep"

-----

Bill - K5ZTY <-  
Bill - W5SB <-  
Terry - KQ5U <-  
Dan - KK5LD <-

MANGY MUSHERS:Total=70

-----

Pete - NV4V  
Paul - VA7NT <-  
Bruce - N7RR <-  
Ed - K1VP

NIGHT OWLS:Total=48

-----

Ed - WE6W <-  
Rich - N5JI  
Dan - N7CQR <-  
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=61

-----

Cliff - AB5UA <-  
Royce - KE5TC  
Don - K5AAR <-  
Gody - AC6UV <-

RAIDERS OF THE LOST RF:Total=54

-----

Fred - VE3FAL  
Earl - VE6EWM <-  
Mary - NA6E  
Bruce - VE5RC

SCATTER SHOT GUNNERS:Total=75

-----

Mike - K1MG <-  
Jack - W5TFB  
Stan - N6XU <-  
Pat - K0PC

SFBA FOGHORNS:Total=23

-----

Bob - N6WG <-  
Conrad - NN6CW  
Andreas - N6NU  
Allan - K7GT

SWAMP RATS:Total=89

-----

Tom - N1TP <-  
Mac - AF4PS <-  
Fred - W2XN  
Paul - AJ4Y

SWORDS:Total=48

-----

Rick - WB6JBM  
Andy - KC8KFI  
Doc - K0EVZ <-  
Dan - N8IE

TEAM CRAMP.COM:Total=43

-----

OJ - K10J <-  
George - K5VUU  
Mike - K5NZ  
Eric - NM5M

TEAM ScQRPion:Total=81

-----

Floyd - NQ7X <-

Gary - AB7MY

Conard - WS4S <-

Bob - NK7M <-

TEXAS TARANTULAS:Total=76"Sweep"

-----

Bill - K5LN <-

Dave - N5IW <-

Bob - AF5Z <-

Tom - N5TW <-

WESTERN WRANGLERS:Total=43

-----

Randy - K7TQ <-

Chuck - K7Q0

Steve - WW7Y

Ron - KU7Y <-

TESLA'S TERRORS:Total=109

-----

Wayne - N0EA <-

Dan - N0DT <-

Tim - N0EHW

Joe - W0JOE <-

UNDERDOGS:Total=90

-----

Roy - AB7CE <-

Dan - N4ROA <-

Brian - KB9BVN

Ron - KI0II

NORTEX Irregulars:Total=13

-----

Doc - W5TB

Joe - KK5NA

Don - N5YAK

Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)

-----  
Date: Thu, 17 Feb 2000 14:48:57 -0700  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [63516] Re: [WHINE] FOX hunting  
Message-ID: <091301bf7990\$e340f5c0\$0200000a@NET.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Harold,

> I gotta work until 0200 UTC every night and it takes almost an hour to  
drive  
> to the farm from the college. By then the FOX has already gone to bed.  
> Can't we run these things 30 minutes longer?

Can't you just tape it for later use?

Ron Smith - KD7VD - Boise, Idaho  
WHINERS #7 SOC #47

-----  
Date: Thu, 17 Feb 2000 17:07:13 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: <n7kt@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [63517] Re: OT: CD-Rom  
Message-ID: <007301bf7993\$ac87d640\$010044c0@Conor.baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just a little clarification ... Bob's pretty much right but like so many things, one should be careful about even implied always's or never's.

\*Most\* newer drives will read most CD-R media. Sometimes it seems to be a problem with the color of the media, other times with the brand. That's right, some drives will only read gold colored media, others won't read gold!

A few newer drives will read CD-RW media. Some CD-RW drives have trouble with some CD-RW media!!

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>  
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Roger Hightower <n7kt@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Thursday, February 17, 2000 1:54 PM  
Subject: Re: OT: CD-Rom

>You've got it....it's mostly a media problem.

>

>\_Most\_ CD-ROM drives will read CD-R media. \_Very few\_ will read CD-RW  
>media.

>

>CD-RW is best used for personal stuff, to be retained temporarily.

>

>All the QRP-L Archive CD's I did were on CD-R, and no one reported any  
>problems.

>--

>72.....Roger

>

>Roger Hightower, N7KT      Mesa, AZ   K2#591    SOC #14

-----  
Date: Thu, 17 Feb 2000 16:20:38 -0600

From: "Cla KA0GKC" <ka0gkc@arrl.net>

To: <rohre@arlut.utexas.edu>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>

Subject: [63518] Re: ANTS. Zepp, extended double Z,etc

Message-ID: <022d01bf7995\$38bc0f40\$0200000a@aplitech>

Stuart, you wrote to Jerry,

| Read further in my post. What does not work is feeding the end and having  
the

| characteristics of a HORIZONTAL dipole antenna! End fed Zepps will also  
| radiate vertical signals off the unbalanced unterminated ladder line, it  
will

| have critical lengths of feeder, and possibly RF in the shack because of  
criticality

Assuming we are talking about an end feed horizontal halfwave wire with  
balanced feedline dropping down at 90 degrees, I'm afraid I have to disagree.  
Feeding the end of a horizontal half-wave wire doesn't appreciably unbalance  
balanced line. The balanced line sees approximately the same impedance on the  
ends of the line on both conductors. One side sees the open end to the air  
the other sees the open end to the air of the other end of the wire. Why,  
because an electrical half wave of wire will show the same impedance as the  
other end. Of course this only occurs at the resonant frequency and it's  
multiples both even and odd, which is it's advantage. On other frequencies  
imbalance is induced into the feedline. An endfeed wire properly setup and  
tuned to 3.5 MHz should work on 80, 40, 30(?), 20, 17(?), 15, 12, 10 with  
roughly the same radiation pattern as it's center fed cousin, including firing  
off the ends on the latter frequencies.

Feeding can indeed be difficult, but usually altering the feedline length so  
as NOT to be too close to a half wave or multiple and using either a balanced  
tuner or a good choke balun before the tuner will provide good operation. The  
feedline will radiate some but not much more than if used with a center fed  
dipole. Other things in proximity to balanced feedline in the typical ham  
installation will effect the balance more acutely. I've built dozens of  
2-meter J-poles and in testing them I have not been able to confirm any  
appreciable radiation from the matching sections.

If these opinions defer with Moxon, then I think he's wrong too.

73 de Cla KA0GKC

-----  
Date: Thu, 17 Feb 2000 14:02:27 -0800  
From: "Arthur G. Silvers" <ags@ieee.org>  
To: djohn@dwx.com  
Cc: qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [63519] Re: Oscilloscope  
Message-ID: <38AC6FF3.1F0F16DF@ieee.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Happen to spy this site

<http://sm0vpo.8m.com/scope/osc-0.htm>

Don't have a scope yet so I can't vouch for it's usefulness.

Any recommendations on a used scope? No room for a boat anchor.

72,  
Arth W6AGS

-----  
Date: Thu, 17 Feb 2000 17:36:14 -0500  
From: neil tanner <ntan@crosslink.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [63520] thanks  
Message-ID: <38AC77DE.F3909B2A@crosslink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Again, I want to thank everyone for the help regarding tvi and RF-1  
problem...cheers es 72.....de wa4chq

-----  
Date: Thu, 17 Feb 2000 14:57:44 -0800

From: Jeff Grudin <grudin@vdbb.com>  
To: qrp-l@lehigh.edu  
Subject: [63521] OT: Netscape help  
Message-ID: <38AC7CE8.674C84E3@vdbb.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Does anyone know if it is possible, and how to, set up multiple email identities in netscape messenger?

I want to set up two different email accounts with different email addresses.

Thanks.

--

73 de AC6KW <mailto:grudin@vdbb.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbb.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
Date: Thu, 17 Feb 2000 17:58:12 EST  
From: FrConrad@aol.com  
To: QRP-L@lehigh.edu  
Subject: [63522] TECHNICAL Question abt SW40+Tick  
Message-ID: <88.e814f7.25ddd704@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

To all you Elmers lurking out there.

I've got a Tick keyer built into my SW40+ Elmer 101 special. However I've never been able to get the tick sidetone into the audio chain of the SW40. When the keyer is keying, I hear the SW40 sidetone and I have a pezio sounder attached to the Tick so that I can hear the Tick "programming" tones, which do not key.

So when I key, I hear two sidetones (the beat harmonic of which makes my teeth itch) and when I want to hear the Tick tones for making speed changes, etc, I have to remove my headset and get real close to the radio in order to hear them because they not key the transmitter, ergo, no sidetone in the headsets.

Anyone have experience on getting the Tick into the audio chain of an SW40 and willing to help?

TNX

John+  
WB6MFS

-----  
Date: Thu, 17 Feb 2000 15:14:57 -0800 (PST)  
From: ABCQRP <w6abc@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [63523] WTB: Vibroplex Blue Racer  
Message-ID: <20000217231457.23479.qmail@web2103.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi,  
I missed out on being the lucky person to buy a  
Vibroplex Blue Racer that was recently posted here. I  
have wanted one of these bugs for a long time and  
wondered if anyone has one for sale in excellent  
condition? I am looking for the one with the chrome  
base and red paddles.  
73,  
Jack W6ABC

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----  
Date: Thu, 17 Feb 2000 18:15:05 -0500  
From: d.nordquest@juno.com  
To: qrp-1@lehigh.edu  
Subject: [63524] Antenna Software  
Message-ID: <20000217.181505.12278.2.d.nordquest@juno.com>

I thought the group might want to know that the updated version of Peter Ward's fine NEC.xls is now available on Ray Anderson's NEC Archives site. Most free NEC programs don't seem to be very pretty or easy to use. Peter has taken advantage of the power of Excel to provide a beautiful interface and powerful graphing capabilities. His worksheets are valuable, too, as examples of how useful spreadsheets can be in amateur radio applications.

You need Excel to run NEC.xls because Peter's worksheets include Visual Basic Macros that at least some other spreadsheets won't convert. The



zipped file you download includes the NEC programs that the worksheets invoke.

Details and downloads are available at the Unofficial NEC Archives Page:

<http://www.qsl.net/wb6tpu/swindex.html>

Enjoy!

73,  
Dave KE9ED

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 17 Feb 2000 15:22:46 -0800  
From: Norm Melick <henmel@worldnet.att.net>  
To: ags@ieee.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [63525] Re: Oscilloscope  
Message-ID: <38AC82C6.E5E6EB0B@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Arthur G. Silvers" wrote:

> Any recommendations on a used scope? No room for a boat anchor.

Hello Art,

I don't know how much room you have, but I would highly recommend a Tektronics 7704A, a 200 Mhz mainframe, 4 bay oscilloscope. There are literally hundreds of plugins

available that make this an infinitely more versatile scope than the traditional scope, ala the Tek 465/475 series. They can be purchased for about half the cost of a Tek 475, easy to maintain due to it's modular design, and simple to operate. Alternatively, you may consider a Tek 7603. It is a 100 Mhz mainframe, 3 bay oscilloscope, otherwise the same as the 7704A.

I am prejudice though. I have 4 of the 7704A's, and 2 7603's.

72,

Norm/KQ6SD

-----  
Date: Thu, 17 Feb 2000 18:20:56 -0500  
From: "Nils R. Young" <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [63526] Them "first QSO" jitters & other PSK stuff again  
Message-ID: <20000217.182124.-139661.1.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Compa eros,

I just got finished with my first PSK QSO on 20m! With Gordon (WN0I). What a trip. I'd messed with the DigiPan program a while & had played with some of the controls & took some advice about putting the two AF lines on opposite channels of the input (one on left, the other on right) and found that things worked a lot better that way. I didn't end up overdriving the AF input on transmit (so it seemed) & was able to get by with a nominally tolerable AF level from the computer speakers (which are unpowered 'cause I'm cheap) on receive.

I did have to turn down the stereo (Art Pepper & group playing "Smack Up," a strangely titled piece, considering how Art Pepper spent a lot of his playing career) 'cause I couldn't concentrate on the AF from the radio & the changes on the bass at the same time. That and Zev in the background on the wallpaper. Rough life, this multiple distractions thing . . .

I gotta play the jazz stuff through Spectrogram some time, just for kicks. And maybe toon the filters on the K2.

The radio didn't get over heated and seems to be fairly cool even after

about 15 minutes of gibbering. I'm actually kinda being careful 'cause I usually blow stuff up the first time I try it on some other mode. Heaven help me I go to RTTY. The power meter was reading below 5 W, which seemed pretty nice to me.

The funny part of it all is that I have avoided chat rooms like the plague or pernicious anemia. Just can't get into that dual screen stuff . . . don't have horizontally polarized binocular vision or whatever it takes to read two screens at once. But this one QSO has made me wonder if there ain't something to the research that tends to show that people under the age of 30 who have been around computers & chat room technology for half their lives see and read in a different way from those of us old codgers who still read the light that's not reflected off the paper (as opposed to what's shown into our retinas by the light blaring off the screen).

Kinda like "Blind Pew" in "Redbeard."

" . . . and he's readin' a book!"

Well, see youze on PSK I guess . . . once I figure the rest of these buttons out . . .

73

Nils

-----

Nils R. B. Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://home.fiberia.com/wb8ijn> -- <http://members.xoom.com/nilsbull>

"In my day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

-----

Date: Thu, 17 Feb 2000 15:44:29 -0800

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [63527] Antenna Modeling.

Message-ID: <38AC87DD.AD407159@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

What I've learned about antenna modeling is that you can have lots of fun playing with ideas. However, to finish the job right, be sure to use the tools necessary to fabricate the model.

Sometimes you need velocity factor, other times it is simply resonance. Then there is pattern measurements or at least finding a point of maximum radiation in the right direction.

With the proper use of the tools, you'll find the concepts in the books become much more clear.

And so is your signal. 72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068  
<http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

-----

Date: Thu, 17 Feb 2000 15:51:44 -0800  
From: "Dave Becker" <k7prz@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [63528] Calibrating WM-2  
Message-ID: <00b701bf79a1\$f697c3e0\$f2391c26@dave>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: quoted-printable

Hi All!

I've misplaced my manual for the Oak Hills qrp watt meter WM-2. Anyone have a copy of the calibration procedure they could e-mail to me?=20

Thanks

k7prz@earthlink.net

-----

Date: Thu, 17 Feb 2000 16:02:38 -0800  
From: Jeff Grudin <grudin@vdbbs.com>  
To: qrp-l@lehigh.edu  
Subject: [63529] Thanks to all for netscape help  
Message-ID: <38AC8C1E.E4FF0B0E@vdbbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks to all for the help. I knew you guys would come through. If anyone else wants to know, you have to do it from outside of the program.

I quote:

You have to run the user profile editor. The problem is, they don't make it real obvious how to get to it.

- Click on Start
- Click on Program
- Click on Netscape Communicator
- Click on Utilities
- Click on User Profile Manager

Once you set up more than one user, everytime you start netscape it will ask you which profile you want to use.

Each user profile will have completely separate email identities, mailboxes, etc.

Each profile will also have all its own settings for the browser.

--  
73 de AC6KW <mailto:grudin@vdbbs.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
End of QRP-L Digest 1734

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